



## COMUNICAZIONE INTERNA

Nr. I-42 Documento dedicato alle aziende associate

12/11/2024

### NORME EUROPEE RELATIVE AL RICICLO DELLE MATERIE PLASTICHE

La redazione di norme che coinvolgono la selezione, la qualità e il riciclo delle materie plastiche è in forte evoluzione.

Le necessità derivano dagli strumenti comunitari che stanno coinvolgendo tutti i settori produttivi dalla sostenibilità ambientale, alla economia circolare, all'eco design.

Due sono i gruppi di lavoro del CEN interessati alla redazione di queste norme:

- CEN/TC249/WG11 Plastics Recycling
- CEN/TC261/SC4/WG10 Design for recycling for plastics packaging products

Il mandato di redazione delle norme fa riferimento al M/584 che è stato emesso dalla Commissione Europea l'1.08.2022 per supportare la strategia europea per le materie plastiche nell'economia circolare.

La finalità è espressa in modo semplice e definita con la seguente dicitura:

***Recyclability and design for recycling of plastic products and characterization and assessment of quality of recycled plastic materials.***

Le attività dei gruppi di lavoro sono suddivise per polimero e tengono in considerazione anche le necessità e le richieste contenute nel regolamento PPWR, soprattutto per la progettazione dei manufatti e la separabilità dei componenti una volta giunti a fine vita.

Si riporta l'elenco completo delle norme in via di definizione da parte dei due gruppi di lavoro CEN:



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### CEN/TC249/WG11 Plastics Recycling

EN 15346:2024 (WI=00249A45) Plastics - Recycled plastics - Characterization of poly (vinyl chloride) (PVC) recyclates
EN 15347-1:2024 (WI=00249A44) Plastics - Sorted plastics wastes - Part 1: General characterisation
prEN 15342 (WI=00249A5X) Plastics - Recycled plastics - Characterization of polystyrene (PS) recyclates
prEN 15344 (WI=00249A5Z) Plastics - Recycled plastics - Characterization of Polyethylene (PE) recyclates
prEN 15345 (WI=00249A60) Plastics - Recycled Plastics - Characterisation of Polypropylene (PP) recyclates
prEN 15347-2 (WI=00249A61) Plastics - Sorted plastics wastes - Part 2: Quality grades of sorted Polyethylene (PE) wastes and specific test methods
prEN 15347-3 (WI=00249A5T) Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods
prEN 15347-4 (WI=00249A5U) Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly (ethylene terephthalate) (PET) wastes and specific test methods
prEN 15347-5 (WI=00249A5V) Plastics - Sorted plastics wastes - Part 5: Quality grades of sorted poly (vinyl chloride) (PVC) wastes and specific test methods
prEN 15347-6 (WI=00249A5Y) Plastics - Sorted plastics wastes - Part 6: Quality grades of sorted polystyrene (PS) wastes and specific test methods
prEN 18064-1 (WI=00249A3K) Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 1: General aspects

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EUROPEAN STANDARDS FOR RECYCLING OF PLASTICS



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<p>prEN 18064-2 (WI=00249A3C)</p> <p>Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 2: Polyethylene (PE)</p>
<p>prEN 18064-3 (WI=00249A3I)</p> <p>Plastics Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 3: Polypropylene (PP)</p>
<p>prEN 18064-4 (WI=00249A3E)</p> <p>Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 4: Poly (ethylene terephthalate) (PET)</p>
<p>prEN 18064-5 (WI=00249A3D)</p> <p>Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 5: Poly (vinyl chloride) (PVC)</p>
<p>prEN 18064-6 (WI=00249A3F)</p> <p>Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 6: Polystyrene (PS)</p>
<p>prEN 18064-7 (WI=00249A3H)</p> <p>Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 7: Acrylonitrile- butadiene-styrene (ABS)</p>
<p>prEN 18065 (WI=00249A5E)</p> <p>Plastics - Recycled plastics - Classification of recycled plastics based on Data Quality Levels for use and (digital) trading</p>
<p>prEN 18067 (WI=00249A5W)</p> <p>Plastics - Recycled plastics - Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates</p>
<p>(WI=00249A5G)</p> <p>Plastics recycling - Classification of plastic recyclates as postconsumer recyclates (PCR) and postindustrial recyclates (PIR)</p>
<p>prEN 18092</p> <p>Design for recycling guidelines for plastic construction products thermal insulation (EPS)</p>

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EUROPEAN STANDARDS FOR RECYCLING OF PLASTICS



### CEN/TC 261/SC4/WG10 Design for recycling for plastic packaging products

Project reference
prEN 18120-1 (WI=00261514) Packaging - Design for recycling for plastic packaging products - Part 1: Definitions and principles for design-for-recycling of plastic packaging
prEN 18120-10 (WI=00261517) Packaging - Design for recycling for plastic packaging products - Part 10: Recyclability evaluation process for plastic packaging - protocols for PET bottles
prEN 18120-11 (WI=00261515) Packaging - Recyclability evaluation process for plastic packaging - Part 11: Protocols for PET rigid packaging (except bottles)
prEN 18120-12 (WI=00261516) Packaging - Recyclability evaluation process for plastic packaging - Part 12: Protocols for PE and PP rigid packaging
prEN 18120-13 (WI=00261520) Packaging - Design for recycling for plastic packaging - Part 13: Recyclability evaluation process for plastic packaging - Protocols for PE and PP flexible packaging
prEN 18120-14 (WI=00261518) Packaging - Recyclability evaluation process for plastic packaging - Part 14: Recyclability evaluation process for plastic packaging - Protocols for PS and XPS packaging
prEN 18120-15 (WI=00261519) Packaging - Design for recycling for plastic packaging - Part 15: Recyclability evaluation process for plastic packaging - Protocols for EPS packaging
prEN 18120-3 (WI=00261510) Packaging - Design for recycling for plastic packaging products - Part 3: Sortability evaluation process for plastic packaging



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Project reference
prEN 18120-4 (WI=00261513) Packaging - Design for recycling of plastic packaging products - Part 4: Guideline for PET Bottles
prEN 18120-5 (WI=00261511) Packaging - Design for recycling of plastic packaging products - Part 5: Guideline for PET rigid packaging (except bottles)
prEN 18120-6 (WI=00261512) Packaging - Design for recycling for plastic packaging products - Part 6: Guideline for PE and PP rigid packaging
prEN 18120-7 (WI=00261507) Packaging - Design for recycling for plastic packaging products - Part 7: Guideline for PE and PP flexible packaging
prEN 18120-8 (WI=00261508) Packaging - Design for recycling for plastic packaging products - Part 8: Guideline for PS and XPS packaging
prEN 18120-9 (WI=00261509) Packaging - Design for recycling for plastic packaging products - Part 9: Guideline for EPS packaging
prEN XXX-2 (WI=00261506) Packaging - Design for recycling for plastic packaging products - Part 2: Process and governance structure to evaluate the recyclability of plastic packaging