HIGH IMPACT PP COPOLYMERS

Our high impact copolymers enable producers to create compounds that were previously unattainable. These copolymers offer a **balance of high toughness and stiffness**, providing greater flexibility in compound development.

APPLICATIONS

- Automotive components
- Flame retardant compounds
- Appliances & safety parts
- Pails & handles
- Medical waste bins

KEY BENEFITS

Injection molding

- High room temperature impact
- Excellent cold impact properties
- High elongation at break

Compounds:

- Improved charpy in highly filled compounds (Mineral & FR)
- Improved elongation at break
- Better compatibility with heavily impact modified compounds

SUSTAINABILITY

All grades are available with **ISCC+ certification**, using the mass balance method with **bio, circular or bio-circular feedstocks**, ensuring sustainability and traceability across the supply chain.

ISCC
International Sustainability & Carbon Certification

GRADES

	CP396XPD	CP284RD	CP295D	TI8300CD
	High stiffness and very high impact resistance, especially at low temperatures	Superior balance of stiffness and toughness, excellent impact strength	High flow and high impact resistance	High flow and high impact resistance, superior low temperature drop impact
MFR (g/10 min) ISO 1133	11	14	20	30
Flexural modulus (MPa) ISO 178	1050	1150	850	950
N. Charpy @23 °C (kJ/m²) ISO 179	60	50	60	55
N. Charpy @-20 °C (kJ/m²) ISO 179	11	7	10	9

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