



T200MK

TER COPOLYMER FOR INJECTION MOULDED PRODUCTS

Repol T200MK is recommended for use in **Injection Moulding & Stretch Blow Moulding** processes. It is an ideal material for attaining high clarity in housewares, thin wall injection moulded articles and ISBM products. Repol T200MK contains clarifier and antistatic agent that reduces static charge build-up in products.

Typical Characteristics			
Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	20
Tensile Strength at Yield (50mm/min)	ASTM D638	MPa	30
Elongation at Yield (50mm/min)	ASTM D638	%	12
Flexural Modulus (1% secant)	ASTM D790A	MPa	1150
Notched Izod Impact Strength (23°C)	ASTM D256	J/m	60
Heat Deflection Temperature (455 kPa)	ASTM D648	°C	95
Melting Temperature (DSC second heating)	ASTM D3418	°C	145

* Typical values, not to be taken as specification. All the mechanical properties as per ASTM D638 Type I specimen injection moulded in accordance with ASTM D4101

Applications

Clarified random copolymer, rigid containers, houseware, ISBM bottles, syringes

Regulatory Information

- Meets the requirements stipulated in IS 10910 on 'Specification for Polypropylene and its Copolymers for safe use in contact with foodstuff, pharmaceuticals, and drinking water'. Additives incorporated in this grade conform to the positive list of constituents as prescribed in IS 10909. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21,177.1520, Olefin polymers

Storage Recommendations

Bags should be stored in dry / closed conditions at temperatures below 50°C and protected from UV / direct sunlight