



H200FG

HOMOPOLYMER

FOR FIBRE AND FILAMENT

Repol H200FG is recommended for use in **Fiber Spinning** operations, for making multifilament yarn and staple fibre. Repol H200FG has excellent uniformity needed for high speed spinning of fine deniers. Repol H200FG contains an excellent process stabilizer package suitable for non-woven and filament products. Formulated for gas fading resistance.

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 (50 mm/min)	ASTM D638	MPa	34
Elongation at Yield (50 mm/min)	ASTM D638	%	11
Flexural Modulus (1% secant)	ASTM D790A	MPa	1650
Notched Izod Impact Strength (23°C)	ASTM D256	J/m	27
Heat Deflection Temperature (455 kPa)	ASTM D648	°C	104

* 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

Multifilament yarn, staple fibre & non-woven fabrics

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