Eltex® TUB 350-HM00

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

Eltex® TUB 350-HM00 is a low melt flow rate impact copolymer specifically designed for extrusion of non pressure pipes but can also be used for other extrusion applications. It offers a very high stiffness while keeping good impact strength (even at low temperature) and excellent processability. This grade has very good long term stability and provides excellent ring stiffness in both solid and structured wall gravity pipes.
Applications
Non-pressure pipes and fittings (for drainage and sewerage, soil & waste,⋯)
Sheet extrusion
Blow moulding
Benefits and Features
Very high rigidity (PP-HM)
Good impact resistance
Non-filled, low density
High melt strength
Very good long term stability
Excellent processability (for solid and structured wall pipes extrusion)

General Information	
Features	Good Impact Resistance Good Processability Impact Copolymer Low Flow Low Temperature Impact Resistance Ultra High Stiffness
Uses	Blow Molding Applications Fittings Piping Sheet
RoHS Compliance	Contact Manufacturer
Processing Method	Blow Molding Pipe Extrusion Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.908	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1]	1900	MPa	
Tensile Stress (Yield, 4.00 mm, Injection Molded)	33.0	MPa	ISO 527-2

Tensile Strain (Yield, 4.00 mm, Injection Molded)	8.0	%	ISO 527-2
Flexural Modulus [2] (23°C, 4.00 mm, Compression Molded)	1850	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	6.0	kJ/m^2	
0°C	12	kJ/m^2	
23°C	> 50	kJ/m^2	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	106	°C	ISO 75-2/B
Vicat Softening Temperature	158	°C	ISO 306/A
Melting Temperature	166	°C	ASTM D3417
Oxidation Induction Time (200°C)	> 50	min	EN 728
NOTE			
1.	Calculated from ring stiffness measurements carried out on 110 mm solid wall pipes.		
2.	Cooling rate = -15°C/min		

Recommended distributors for this material

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