

Hyprom[®] PPH-T40

Polypropylene Homopolymer

Entec Polymers

Message:

Homopolymer Polypropylene, 40% Talc Reinforced, 10 Melt Flow

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Homopolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	31.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	3.5	%	
Break, 23°C	10	%	
Flexural Modulus - Tangent (23°C)	2760	MPa	ASTM D790
Flexural Strength (23°C)	55.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	138	°C	ASTM D648

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