

Polytron® P60B04/P60B04-S

Polypropylene Homopolymer

Polyram Ram-On Industries

Message:

A CHEMICALLY COUPLED PP 60% LONG GLASS FIBER WITH EXTRA LOAD OF ADDITIVES FOR DILLUTION.

General Information			
Filler / Reinforcement	Long Glass Fiber,60% Filler by Weight		
Features	Chemically Coupled		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792, ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13000	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	140	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	1.5	%	ASTM D638, ISO 527-2
Flexural Modulus	14500	MPa	ASTM D790, ISO 178
Flexural Strength	230	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	18	kJ/m ²	
23°C	22	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	70	kJ/m ²	
23°C	65	kJ/m ²	
Notched Izod Impact			
23°C	300	J/m	ASTM D256
23°C	22	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	159	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94

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