

Polytron® P35B03

Polypropylene Copolymer

Polyram Ram-On Industries

Message:

A CHEMICALLY COUPLED 35% LONG GLASS FIBERS REINFORCED BLACK POLYPROPYLENE, HEAT STABILIZED FOR INJECTION MOULDING APPLICATION.

General Information			
Filler / Reinforcement	Long Glass Fiber,35% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage			
Flow	0.14	%	ASTM D955
--	0.14	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	110	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.5	%	ASTM D638, ISO 527-2
Flexural Modulus	6000	MPa	ASTM D790, ISO 178
Flexural Strength	160	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	160	J/m	ASTM D256
23°C	16	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	150	°C	ASTM D648, ISO 75-2/A

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