

Polytron® P60B01

Polypropylene Homopolymer

Polyram Ram-On Industries

Message:

A chemically coupled 60% LGF reinforced black PP, heat stabilized for high temperature applications such as under the hood automotive parts.

General Information			
Filler / Reinforcement	Long Glass Fiber,60% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
Uses	Automotive Under the Hood		
Appearance	Black		
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	13100	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	12900	MPa	ASTM D790, ISO 178
Flexural Strength	230	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	22	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	75	kJ/m ²	ISO 179
Notched Izod Impact			
23°C	230	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

