

Thermylene® P7-45FG-0790

Polypropylene

Asahi Kasei Plastics North America Inc.

Message:

PP-GF45
45% Glass Fiber Reinforcement

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	110	MPa	ISO 527-2
Flexural Modulus	10300	MPa	ISO 178
Flexural Stress	168	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	ISO 179
Notched Izod Impact Strength	12	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	151	°C	ISO 75-2/A

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Recommended distributors for this material

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



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