

Reny® 1507

Polyarylamide

Mitsubishi Engineering-Plastics Corp

Message:

Reny® 1507 is a Polyarylamide (PARA) material filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Reny® 1507 are:

Flame Rated

Flame Retardant

Halogen Free

General Information			
UL YellowCard	E41179-100092029		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.51	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12500	MPa	ISO 527-2
Tensile Stress (Break)	169	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	12000	MPa	ISO 178
Flexural Stress	288	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.8	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	52	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	222	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	325	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature			
A	120	°C	
B	80.0	°C	
Drying Time			
A	> 3.0	hr	

B	> 12	hr
Rear Temperature	260	°C
Middle Temperature	265	°C
Front Temperature	270	°C
Nozzle Temperature	270	°C
Mold Temperature	120 to 145	°C
Injection Pressure	20.0 to 150	MPa
Injection Rate	Moderate-Fast	
Screw Speed	60 to 150	rpm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

