

Kingfa PP-R0

Polypropylene

Kingfa

Message:

Kingfa PP-R0 is a Polypropylene material. It is available in Asia Pacific or North America.

Important attributes of Kingfa PP-R0 are:

Flame Rated

Flame Retardant

Heat Resistant

Typical application of Kingfa PP-R0: Electrical/Electronic Applications

General Information			
UL YellowCard	E171666-225761		
Features	Flame Retardant		
	High Heat Resistance		
Uses	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.90 to 1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, Injection Molded)	30.0	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C, Injection Molded)	30	%	ASTM D638
Flexural Modulus ³ (23°C, Injection Molded)	2200	MPa	ASTM D790
Flexural Strength ⁴ (23°C, Injection Molded)	35.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.40 mm, Injection Molded	138	°C	
1.8 MPa, Unannealed, 6.40 mm, Injection Molded	130	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94

0.950 mm	V-0
1.50 mm	V-0
NOTE	
1.	50 mm/min
2.	50 mm/min
3.	2.0 mm/min
4.	2.0 mm/min

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Recommended distributors for this material

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