

POLIMAXX 2563LCXTA5

Polypropylene Impact Copolymer

IRPC Public Company Limited

Message:

2563LCXTA5 is a PP Block co-polymer with 25% Talcum filler for injection molding process, features medium melt flow, high flexural modulus and high heat resistance with UV stabilizer. It is suitable for auto parts and electrical appliances.

General Information			
Filler / Reinforcement	Talc,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Block Copolymer		
	High Heat Resistance		
	High Stiffness		
	Medium Flow		
Uses	Appliance Components		
	Automotive Applications		
	Electrical/Electronic Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	22.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus (23°C)	2940	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	36.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	6.86	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 85.0	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	190 to 240	°C	

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