

Naxel PC524

Polycarbonate

Custom Resins Group

Message:

15 melt-flow rate flame retardant Polycarbonate

High impact resistance characteristic of polycarbonate materials, while also having a flame retardant additive

Suitable for uses such as small appliances, hand tools, consumer goods, and other uses which require flame resistance and high impact

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Impact Resistance		
Uses	Appliances		
	Consumer Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Viscosity	15 melt-flow		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	57.2	MPa	ASTM D638
Tensile Elongation (Yield)	80	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	129	°C	ASTM D648

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