

EnCom PP C2530

Polypropylene

EnCom, Inc.

Message:

High Impact Copolymer Polypropylene

General Information			
Features	Copolymer		
	High Impact Resistance		
Uses	Automotive Applications		
	Business Equipment		
	Lawn and Garden Equipment		
Agency Ratings	FDA Unspecified Rating		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
	Profile Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	1830	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	118	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	2.0 to 4.0	hr	

Suggested Max Moisture	2.0E-3	%
Rear Temperature	188 to 216	°C
Middle Temperature	199 to 232	°C
Front Temperature	199 to 232	°C
Nozzle Temperature	193 to 227	°C
Processing (Melt) Temp	204 to 260	°C
Mold Temperature	18.3 to 54.4	°C

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