

Dural 202/3 CLEAR 0003

Rigid Polyvinyl Chloride

AlphaGary

Message:

DURAL 202/3 CLEAR 0003 IS A RIGID PVC FORMULATION DESIGNED FOR INJECTION MOLDING. THIS COMPOUND IS PRODUCED FROM FDA SANCTIONED INGREDIENTS AND CAN BE USED FOR A WIDE RANGE OF MEDICAL AND OTHER GENERAL PURPOSE APPLICATIONS

General Information			
Features	Good Thermal Stability		
	High Flow		
	High Impact Resistance		
	Non-Toxic		
Uses	General Purpose		
	Medical/Healthcare Applications		
Agency Ratings	FDA Unspecified Rating		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 to 1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec, 6.35 mm)	73 to 79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength (1.91 mm)	50.1	MPa	ASTM D638
Flexural Modulus (3.18 mm)	2610	MPa	ASTM D790
Flexural Strength (Yield)	82.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.762 mm ¹	HB		
0.762 mm	V-0		
Injection	Nominal Value	Unit	
Processing (Melt) Temp	174 to 179	°C	

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	154	°C
Cylinder Zone 2 Temp.	166	°C
Cylinder Zone 3 Temp.	177	°C
Cylinder Zone 4 Temp.	182	°C
Cylinder Zone 5 Temp.	182	°C
Adapter Temperature	182	°C
Melt Temperature	177 to 188	°C
Die Temperature	182	°C
NOTE		

- Horizontal Burn

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