

Dural 725C CLEAR 0003

Rigid Polyvinyl Chloride

AlphaGary

Message:

DURAL 725C CLEAR 0003 is a full rigid PVC compound made with FDA sanctioned additives for injection molding and injection blow molding. Dural 725C CLEAR 0003 is designed in order to be able to pass the requirements of USP Class VI and cytotoxicity tests for medical devices.

General Information			
Features	Good Thermal Stability		
	High Rigidity		
	Low Viscosity		
Uses	Medical/Healthcare Applications		
Agency Ratings	FDA Unspecified Rating		
	USP Class VI		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 to 1.34	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	41	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec, 3.18 mm)	72 to 78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	46.9	MPa	
Break	33.8	MPa	
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus (3.18 mm)	1720	MPa	ASTM D790
Flexural Strength (Yield)	61.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method


Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	177 to 182	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT