

Alpha PVC 2228C/FS-65S WHITE 4001

Polyvinyl Chloride

AlphaGary

Message:

2228C/FS-65S White 4001 is a DEHP-Free, medical extrusion grade compound developed for tubing and profiles with a "frosted surface".

General Information			
Uses	Medical/Healthcare Applications		
	Profiles		
	Tubing		
RoHS Compliance	Contact Manufacturer		
Appearance	Frost		
	White		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17 to 1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (175°C/10.0 kg)	12	g/10 min	ASTM D3364
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 6.35 mm)	62 to 68		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	4.83	MPa	ASTM D638
Tensile Strength (1.91 mm)	12.8	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	380	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	38.5	kN/m	ASTM D1004
Extrusion	Nominal Value	Unit	
Melt Temperature	152 to 168	°C	
NOTE			
1.	Graves		

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