

SuperKleen 2223C-70 CLEAR 0001 DB

Flexible Polyvinyl Chloride

AlphaGary

Message:

SK/2223C-70 Clear 0001 DB is a SuperKleen, flexible PVC dry-blend formulated with a unique non-DEHP, non-phthalate plasticizer for the manufacture of infant products, food and beverage applications, and medical devices where the presence of phthalates is undesirable. SK/2223C-70 Clear 0001 DB was especially developed for non-toxic applications such as molding of animal ear tags, and it has been designed to meet the US Pharmacopeia and cytotoxicity tests for biomedical devices.

General Information			
Features	Non-DEHP Plasticizer		
	Non-Phthalate Plasticizer		
	Non-Toxic		
Uses	Food Containers		
	Medical Devices		
	Molded Ear Tags		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	330	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 3.18 mm	67 to 73		
Shore A, 15 sec, 6.35 mm	65 to 71		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	5.07	MPa	ASTM D638
Tensile Strength (1.91 mm)	17.2	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	390	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	47.3	kN/m	ASTM D1004
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-37.0	°C	ASTM D746
NOTE			
1.	Graves		

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