

AlphaSeal™ 240-6CY BLUE 7002

Thermoplastic Elastomer

AlphaGary

Message:

ALPHASEAL™ 240-6CY is an elastomeric material made for extrusion and molding of FDA sanctioned materials for food contact applications. It is formulated for low taste and odor and exhibits good elastic recovery, abrasion resistance and low temperature behavior. This material is made to tight, exacting specifications. Non-food contact applications are also possible for 240-6CY.

General Information			
Features	Excellent Elastic Recovery		
	Food Contact Acceptable		
	Good Abrasion Resistance		
	Low Odor Transfer		
	Low to No Taste		
Uses	Non-specific Food Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating		
RoHS Compliance	Contact Manufacturer		
Appearance	Blue		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908 to 0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 6.35 mm	92 to 98		
Shore A, 15 sec, 6.35 mm	90 to 96		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	7.00	MPa	ASTM D638
Tensile Strength (1.91 mm)	11.7	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	550	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	76.2	kN/m	ASTM D1004
Injection	Nominal Value	Unit	
Processing (Melt) Temp	177 to 193	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 193	°C	

NOTE

1. Graves

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

