

Alpha PVC GM 5075 NATURAL

Polyvinyl Chloride

AlphaGary

Message:

A 105°C RATED, LEAD & CADMIUM FREE, UL 94 V-2 MOLDING COMPOUND

General Information			
Features	Low (to None) Cadmium Content		
	Low (to None) Lead Content		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	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 A, 15 sec)	75 to 86		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.02 mm)	10.3	MPa	ASTM D412
Tensile Elongation (Break, 1.02 mm)	280	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (136°C, 168 hr)	-5.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-15	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.02 mm)	V-2		UL 94
Oxygen Index (3.18 mm)	26	%	ASTM D2863
NOTE			
1.	Thickness: 40 mil		
2.	Thickness: 40 mil		

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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

