

Flexalloy® 9200-45-BL

Polyvinyl Chloride Elastomer

Teknor Apex Company

Message:

Flexalloy® 9200-45-BL is a Polyvinyl Chloride Elastomer (PVC Elastomer) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for extrusion or injection molding.

Important attributes of Flexalloy® 9200-45-BL are:

- Eco-Friendly/Green
- Good Weather Resistance
- Heat Resistant
- High Molecular Weight

Typical applications include:

- Consumer Goods
- Foam

General Information			
Features	Foamable		
	Good Thermal Stability		
	Good Weather Resistance		
	Recyclable Material		
	Ultra High Molecular Weight		
Uses	Foam		
	Footwear		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	8.62	MPa	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-56.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Suggested Max Regrind	20	%	
Rear Temperature	160 to 177	°C	
Middle Temperature	160 to 177	°C	

Front Temperature	160 to 177	°C
Mold Temperature	23.9 to 51.7	°C
Back Pressure	0.345 to 1.03	MPa
Screw L/D Ratio	20.0:1.0 to 24.0:1.0	
Screw Compression Ratio	2.0:1.0 to 3.0:1.0	

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