

Axiall PVC 9153

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Axiall PVC 9153 is a rigid polyvinyl chloride material. This product is available in North America and is processed by blow molding.

The main characteristics of Axiall PVC 9153 are:

Good processability

Impact resistance

chemical resistance

the typical application field of Axiall PVC 9153 is: bottle

General Information			
Features	Impact resistance, good		
	Workability, good		
	Good chemical resistance		
Uses	Bottle		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2590	MPa	ASTM D638
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Strength (Yield)	76.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	1100	J/m	ASTM D256
6.35 mm	530	J/m	ASTM D256
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance	78.0	%	ASTM D1003
Haze	6.0	%	ASTM D1003
Additional Information			

Brabender Equilibrium Torque, Brabender Plastograph, No.6 Roller Head, 190°C Bath, 57g charge, 60/43 rpm: 1450 m*gBrabender Stability Time: 30 min.

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