

APEX® RE 8003

Rigid Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® RE 8003 is a rigid polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: extrusion.

APEX® The main features of RE 8003 are:

flame retardant/rated flame

Impact resistance

General Information			
UL YellowCard	E54709-100252411	E142591-100745012	
Features	Gloss, Medium		
	Impact resistance, high		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2380	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	45.0	MPa	ASTM D638
Fracture	44.9	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.1	%	ASTM D638
Fracture	54	%	ASTM D638
Flexural Modulus	2680	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	750	J/m	ASTM D256
Drop Impact Resistance ¹ (23°C, 3.18 mm)	102	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	69.4	°C	ASTM D648
Flammability	Nominal Value		Test Method

V-0

Flame Rating (22.9 mm)

5VA

UL 94

Additional Information

性能特征:黄牌,内饰,中光泽度,表面光洁度极佳

NOTE

1. Procedure B, 0.250 "Conical Dart

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

