



APEX® CD12A-100

Teknor Apex Company - Chlorinated Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Impact Resistance	• Good Processability	
Uses	• Window & Door Components		
Regulatory Statement - Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.			
Forms	• Powder		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.45		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ² (73°F, 0.125 in, Compression Molded)	315000	psi	ASTM D638
Tensile Strength ² (73°F, 0.125 in, Compression Molded)	6000	psi	ASTM D638
Flexural Modulus ³ (73°F, 0.125 in, Compression Molded)	335000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	14	ft-lb/in	
Drop Impact Resistance			ASTM D4226
73°F, 0.0750 in, Compression Molded ⁴	0.904	in-lb/mil	
73°F, 0.0750 in, Compression Molded ⁵	2.14	in-lb/mil	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
264 psi, Annealed, 0.125 in, Injection Molded	208	°F	

Additional Information

Data sheet applies to item listed below:

1007095

10.24: SP

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.20 in/min

³ 0.050 in/min

⁴ Procedure A

⁵ Procedure B