



APEX® 50075621

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Chemical Resistant	• Flame Retardant	• Solvent Resistant
Uses	• Building Materials	• Wall Panels	
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	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Molding Shrinkage - Flow	0.30 to 0.40	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	6000	psi	ASTM D638
Flexural Modulus	321000	psi	ASTM D790
Flexural Strength (Yield)	9010	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	3.0	ft-lb/in	ASTM D256

Additional Information

Flame Spread, ASTM E-84, 0.080": 20
Smoke Developed, ASTM E-84, 0.080": 240
Flame Spread, ASTM E-84, 0.125": 15
Smoke Developed, ASTM E-84, 0.125": 385

Data Sheet applies to color listed below:
Pinstripe Grey (1110602)

12/2024-dmm

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	399	°F
Back Pressure	50.0 to 200	psi

Injection Notes

The Processing Temperature given is a maximum and should not be exceeded.

Notes

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