



APEX® 23-N30386A-70

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Chemical Resistant • Fungus Resistant	• Good Compression Set • Good Tensile Strength	• Low Temperature Flexibility
Uses	• Gaskets	• Industrial Applications	• Seals
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	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2180	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set			ASTM D395
73°F, 22 hr	16	%	
212°F, 22 hr	69	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°F	ASTM D746

Additional Information

UL 94 Vertical Burn Rating V-2

Taber change in Mass (Calculation): H-22, 1000Cycles (g) 0.07
 Taber change in Mass (Calculation): H-22, 2000Cycles (g) 0.14
 Taber change in Mass (Calculation): H-22, 3000Cycles (g) 0.20
 Taber change in Mass (Calculation): H-22, 4000Cycles (g) 0.26
 Taber change in Mass (Calculation): H-22, 5000Cycles (g) 0.32

Data sheet applies to color(s) listed below:
 Natural (1003819)

11/23: sp

Notes

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