



Geon™ Vinyl Flexible A4D02

Flexible Polyvinyl Chloride

Key Characteristics

Product Description			
A flexible transparent PVC Compound designed primarily for indoor mats.			
General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose	• High Gloss	
Uses	• Consumer Applications	• General Purpose	• Industrial Applications
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.26	1.26	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (100% Strain)	2200 psi	15.2 MPa	ASTM D638
Tensile Strength ² (Break)	3000 psi	20.7 MPa	ASTM D638
Tensile Elongation ² (Break)	320 %	320 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	86	86	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-4.00 °F	-20.0 °C	ASTM D746

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	380 to 400 °F	193 to 204 °C
Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	350 to 370 °F	177 to 188 °C

Notes

¹ Typical values are not to be construed as specifications.

² 20 in/min (510 mm/min)