

Geon™ Vinyl Flexible SL60

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible SL60 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Household Applications. Primary characteristic: uv stabilized.

General Information	
Additive	Biocide
	UV Stabilizer
Features	Medium Gloss
	UV Absorbing
Uses	Bathroom Accessories
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	61		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	12.1	MPa	
100% Strain	4.14	MPa	
Tensile Elongation ² (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	35.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.2	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 171	°C	

NOTE	
1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min
3.	Die C, 510 mm/min

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Recommended distributors for this material

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