

# Geon™ Vinyl Flexible R355AM

Polyvinyl Chloride + NBR

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible R355AM is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Construction Applications. Primary characteristic: low gloss.

General Information	
Features	Low Gloss
Uses	Construction Applications Profiles
Forms	Pellets
Processing Method	Extrusion Injection Molding Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.58	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	12.6	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-11.1	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	171 to 177	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

