



TECHNICAL DATA SHEET VISCOPASTE ST

Manufacturer

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Product Description

Amorphous a-polar viscous elastic semi solid polyolefin paste in roll form. Material is not in fluid phase. Paste is used in conjunction with other Viscotag® products. Cohesive fracture when peeled off. Material has a yield point and shows no dripping behavior at +71 °C/ 160 °F. Adhesion to surface without primer. Melting point at 120 °C, 248 °F.

Measurement	Value	Method
Glass transition temperature	-42 °C/-43°F	DSC, ASTM E1356-08
Material state	Solid	NA
Melting point	+120 °C/248 °F	DSC, ASTM E1356-08
Yield point	Yes	NA
Dripping behavior (+71 °C)	No visual dripping (1000 hrs)	NA
Water vapor permeability	<0.0050 g/m2/24mmHg	ASTM D1653-03
Water absorption	<0.3%	ASTM D570-98
Water penetration	<0.14%, 1800 hrs,6V, 3% NaCl	ASTM G9-87
Dissipation Factor	0.135, 1500 hrs, 20 KHZ	ASTM G9-98
Pore Resistance	> 10 ⁹ , 1500 hrs, RI/RO 1-1.4	ASTM G1, G3, G5, G10, G19
Hardness	75 Shore A	ASTM D2240-04
UV/Weathering cycle test	Excellent	1000 hrs, ASTM D4587-05 -30 °C to + 70 °C -22 °F to + 158 °F
Wet adhesion test	Class 1 rating, cohesive fracture	CSA Z245-20-06 Sec 12.14
Cathodic Disbondment	< 3 mm, 30 days	ASTM G8, 23 °C/74 °F
Temperature range	-35 °C to +70 °C/-43 °F to +158 °F	NA
Flexibility	No cracking	CAN Z45.20,12.11
Thickness	NA	

Reports

Testing has been done by different test institutes. Copies of reports are available upon requests.

