

3M GM110 Gripping Material

Category : Polymer , Adhesive

Material Notes:

3M™ Gripping Material GM110 is based on 3M's proprietary micro-replicated technology. 3M gripping material GM 110 consists of a high-friction surface with a nylon knit backing that provides stretch in the cross-web direction. It can be attached to other substrates by sewing. 3M gripping material GM110 is ideally suited for applications requiring stretch, such as athletic gloves. When used alone on a single surface 3M gripping material provides a strong secure grip. Then used as a two-part system, for example on a glove and a handlebar grip, strength is maximized. As firmly as 3M gripping material holds, it releases just as easily. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-GM110-Gripping-Material.php

Physical Properties	Metric	English	Comments
Thickness	838 microns	33.0 mil	without liner

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	2.3	2.3	wet, kinetic, contact area: 2.8 cm ²
	@Pressure 0.0207 MPa	@Pressure 3.00 psi	
	2.7	2.7	dry, kinetic, contact area: 2.8 cm ²
	@Pressure 0.0207 MPa	@Pressure 3.00 psi	
Tear Strength	10.0 kN/m	57.1 pli	MD; ASTM D5734
Abrasion	0.050	0.050	H18, 500g, weight loss rate at 4000 revolutions; ASTM D3389
	>= 6000	>= 6000	H18, 500g, through- revolutions weight loss; ASTM D3389
Film Tensile Strength at Break, MD	17.1 MPa	2480 psi	ASTM D5035
Film Tensile Strength at Break, TD	4.60 MPa	667 psi	ASTM D5035

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	71.0 °C	160 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Adhesive Carrier	Nylon knit	
Appearance	Black or Off-white	

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