

Dow INTEGRAL™ 909 Monolayer Adhesive Film / Automotive Headliners

Category : Polymer , Film , Thermoset

Material Notes:

INTEGRAL 909 Adhesive Film is a versatile heat-activated film that bonds to such substrates as: Polyethylene, Nylon, Polyester, Fiberglass, Polyurethane Foams, Wood, Paperboard, Cotton, Non-wovens, and Aluminum. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-INTEGRAL-909-Monolayer-Adhesive-Film-Automotive-Headliners.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	280 %	280 %	ASTM D882
Film Elongation at Break, TD	490 %	490 %	ASTM D882
Secant Modulus, MD	0.131 GPa	19.0 ksi	2% Secant; ASTM D882
Secant Modulus, TD	0.138 GPa	20.0 ksi	2% Secant; ASTM D882
Elmendorf Tear Strength, MD	12.2 g/micron	310 g/mil	ASTM D882
Elmendorf Tear Strength, TD	2.36 g/micron	60.0 g/mil	ASTM D882
Film Tensile Strength at Break, MD	25.5 MPa	3700 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882

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