

Dow ATTANE™ 4206 Ultra Low Density Polyethylene, Impact Modifier Grade

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Very Low Density Polyethylene (VLDPE)

Material Notes:

ATTANE® 4206 copolymer is an ultra low density polyethylene that offers excellent performance as an impact modifier for durable molded parts. It provides excellent impact and rigidity improvements when blended with polyethylene or polypropylene for use in applications such as pallets, cases, and crates. It complies with FDA regulation 21 CFR 177.1520 c 3.1b. Data provided by Dow Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-ATTANE-4206-Ultra-Low-Density-Polyethylene-Impact-Modifier-Grade.php

Physical Properties	Metric	English	Comments
Density	0.912 g/cc	0.0329 lb/in ³	
Melt Flow	5.0 g/10 min @Load 2.16 kg	5.0 g/10 min @Load 4.76 lb	Melt flow ratio I10/I2 is 8.

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	68.3 MPa	9910 psi	
Film Tensile Strength at Yield, TD	66.9 MPa	9700 psi	
Film Elongation at Break, MD	605 %	605 %	
Film Elongation at Break, TD	866 %	866 %	
Elmendorf Tear Strength MD	296 g	296 g	Unspecified film thickness
Elmendorf Tear Strength TD	635 g	635 g	Unspecified film thickness
Dart Drop Test	185 g	0.408 lb	
Film Tensile Strength at Break, MD	51.8 MPa	7510 psi	
Film Tensile Strength at Break, TD	37.4 MPa	5420 psi	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 °C	201 °F	

Optical Properties	Metric	English	Comments
Haze	0.60 %	0.60 %	
Gloss	93 %	93 %	45°

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China