

## Dow 722 Low Density Polyethylene (LDPE)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

### Material Notes:

Polyethylene 722 is used in flexible packaging and paperboard coating applications such as liquid/juice, laminate tube, condiment pouches, dry foods packaging, snack foods packaging, moist foods packaging, sugar pouches, lidding stock and medical packaging. Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-722-Low-Density-Polyethylene-LDPE.php](http://www.lookpolymers.com/polymer_Dow-722-Low-Density-Polyethylene-LDPE.php)

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D792
Water Vapor Transmission	26.4 g/m <sup>2</sup> /day	1.70 g/100 in <sup>2</sup> /day	at 1 atm; 1.0 mil coating onto 50 lb Kraft paper; ASTM F1249
Thickness	>= 7.62 microns	>= 0.300 mil	Coating Thickness; Extrusion Coating Processability; Dow Method
Melt Index of Compound	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Neck In	5.10 cm	2.01 in	610°F and 1.0 mil; Extrusion Coating Processability; Dow Method
Coating Weight	>= 7.04 g/m <sup>2</sup>	>= 4.40 lb/ream	Extrusion Coating Processability; Dow Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Dynamic	0.60	0.60	(film/film); 1.0 mil coating onto 50 lb Kraft paper; ASTM D1894
Heat Seal Strength Initiation Temperature	105 °C	221 °F	1 lb/in heat seal strength; 1.0 mil coating onto 50 lb Kraft paper; Dow Method

Thermal Properties	Metric	English	Comments
Melting Point	105 °C	221 °F	Dow Method (DSC)
Vicat Softening Point	90.0 °C	194 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	315 - 332 °C	599 - 630 °F	Extrusion Coating Processability

Descriptive Properties	Value	Comments
Line Speed fpm, max	1500	Dow Method

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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