

Dow AFFINITY™ PT 1409 Polyolefin Plastomer (POP)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

AFFINITY™ PT 1409 Polyolefin Plastomer (POP) is produced via INSITE™ Technologies from Dow Plastics. Resin blended with 20 wt% LDPE to improve extrusion coating performance. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-AFFINITY-PT-1409-Polyolefin-Plastomer-POP.php

Physical Properties	Metric	English	Comments
Density	0.911 g/cc	0.0329 lb/in ³	ASTM D792
Thickness	>= 6.35 microns	>= 0.250 mil	Coating Thickness; Extrusion Coating Processability; Dow Method
Melt Index of Compound	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Neck In	11.4 cm	4.49 in	610°F and 1.0 mil; Extrusion Coating Processability; Dow Method
Coating Weight	>= 6.08 g/m ²	>= 3.80 lb/ream	Extrusion Coating Processability; Dow Method

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	Dow Method (DSC)
Vicat Softening Point	91.0 °C	196 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	288 - 321 °C	550 - 610 °F	Extrusion Coating Processability

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