

Lotte Chemical Titan TITANLENE[®] LDC801YY Low density polyethylene resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Extrusion Grade

Material Notes:

LDC801YY is a low density polyethylene resin for extrusion coating and is a barefoot grade. LDC801YY meets the U.S. Food and Drug Administration (FDA) criteria for food contact use as specified in 21 CFR 177.1520 (c) 2.1 & (c) 2.2. Applications: Coating for all substrates Additives: Barefoot Advantages: Excellent drawdown Good heat seal ability and adhesion properties Information provided by Titan Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lotte-Chemical-Titan-TITANLENE-LDC801YY-Low-density-polyethylene-resin.php

Physical Properties	Metric	English	Comments
Base Resin Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Water Vapor Transmission	18.5 g/m ² /day	1.19 g/100 in ² /day	90%RH, 37.8 [°] C, 25 ^μ ; ASTM F372
Oxygen Transmission	230 cc-mm/m ² -24hr-atm	584 cc-mil/100 in ² -24hr-atm	ASTM D3985
Base Resin Melt Index	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Neck In	9.00 cm	3.54 in	Constant output 50m/min, 295 [°] C; Internal Method

Thermal Properties	Metric	English	Comments
Vicat Softening Point	86.0 [°] C	187 [°] F	resin; ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 340 [°] C	518 - 644 [°] F	

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