

ExxonMobil Label-Lyte® 155 LL-434 Coated, Clear OPP Facestock

Category : Polymer , Adhesive , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

Coated, clear, polypropylene label facestock designed for pressure-sensitive applications. This film is ideal for glass bottle labeling applications and provides a "no label" look. It is suitable for wet environments, and may be exposed to a broad range of temperatures, including pasteurizing conditions. The coated print surface provides generally good ink adhesion with UV flexo, UV screen, and water-based and solvent based flexo ink systems. The adhesive side is corona-treated for good pressure-sensitive adhesive anchorage. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-155-LL-434-Coated-Clear-OPP-Facestock.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	
Coating Weight	>= 44.6 g/m ²	>= 27.9 lb/ream	520

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	185 %	185 %	510
Film Elongation at Break, TD	60 %	60 %	510
Film Tensile Strength at Break, MD	114 MPa	16500 psi	510
Film Tensile Strength at Break, TD	231 MPa	33500 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.5 %	3.5 %	at 275°F; 438
Shrinkage, TD	3.5 %	3.5 %	at 275°F; 438

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	444
Gloss	98 %	98 %	442
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Gurley Stiffness, MD, mgf	12	
Gurley Stiffness, TD, mgf	22	

Wetting Tension, receding COS theta Descriptive Properties		0.83 Value	Comments
Yield, in2/lb		15500	

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