

# EXPOLENE® 641

With additives

## Key Features:

\* General purpose, medium level of slip and high level of antiblock.

This LDPE is tailored for blown film applications that require:

- \* Suited for high speed converting
- \* Good impact strength
- \* Good openability
- \* Good sealability
- \* Excellent processability

Typical blown film applications include:

- \* Institutional packaging
- \* Food packaging

**Applications:** General purpose clarity application for films thickness between 15 - 75 microns

EXPOLENE® is a registered trademark of PLASTIC TRADE GROUP.

Nominal Resin Properties	English	SI	Method
Density	—	0,922 g/cm <sup>3</sup>	ASTM D1505
Melt Index, 190/C2.16Kg	—	2 g/10min	ASTM D1238
Melting Point	234 °F	112 °C	ASTM D3418
Vicat Softening Temperature	215 °F	102 °C	ASTM D1525
Antiblock	2750 ppm	2750 ppm	—
Slip	750 ppm	750 ppm	—

Nominal Blown Film Properties, at 1.25 mil	English	SI	Method
Haze	10%	10%	ASTM D1003
Gloss, 60°	124	124	ASTM D2457
COF	0.12	0.12	ASTM D1894
Dart	—	90 g/mil	ASTM D1709
Elmendorf Tear MD	—	285 g/mil	ASTM D1922
Elmendorf Tear TD	—	225 g/mil	ASTM D1922
WVTR	1.03 g/100in <sup>2</sup> /day	16 g/m <sup>2</sup> /day	ASTM F1249
OTR	320 cm <sup>3</sup> /100in <sup>2</sup> /day	4900 cm <sup>3</sup> /m <sup>2</sup> /day	ASTM D3985

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to our disclaimer and terms of use regarding this information.

EXPOLENE® is a registered trademarks of PLASTICS TRADE GROUP, nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any information or material for the use contemplated, the manner of use, and whether there is any infringement of patents is the sole responsibility of the user. The above information gives typical properties only and is not to be used for specification purposes.