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SUPERIOR FLEXIBLE PACKAGING RESINS

Technical Data Sheet
Marlex® 4580 Polyethylene

LOW DENSITY POLYETHYLENE (LDPE)

This low density polyethylene is tailored for extrusion coating applications that require:

- Exceptional processability, lower neck-in
- Good WVTR
- Lower heat seal initiation / broad heat seal window

Typical extrusion coating applications may include:

- Liquid packaging
- Cup stock
- Folding carton
- General paper and board coating

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	8.0 g/10 min	ASTM D1238
Density	---	0.920 g/cm^3	ASTM D1505
Melting Point	227 °F	108 °C	ASTM D3418

Nominal Extrusion Coating Properties at 1 mil (14.4 lb/ream)[1]	English	SI	Method
WVTR	1.7 g/100in^2/day	27 g/m^2/day	ASTM F1249
OTR	500 cm^3/100in^2/day	7800 cm^3/m^2/day	ASTM D3985

1. Testing performed on coated slip sheet at 14.4 lb/ream or 1.0 mil.

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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.