

## Chevron Phillips Marlex® K606 High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

### Material Notes:

**High Density Polyethylene Customer Benefits:** This extrusion grade homopolymer has excellent process stability and outstanding stiffness. **Applications:** Recommended resin for thin sheet, cut sheet up to 1.5 inches thick, separator panels. **Processing**

**Recommendations:** Extrusion Melt Temperature: Upper Limit: 232°C, Lower Limit: 193°C **Specification Data:** ASTM D4976-95 - PE244 **Data** provided by Chevron Phillips Chemical Company, LP.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-Marlex-K606-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-K606-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.964 g/cc	0.0348 lb/in <sup>3</sup>	ASTM D1505
Environmental Stress Crack Resistance	15 hour	15 hour	Condition A, F <sub>&gt;50</sub> (100% Igepal CO-630), ASTM D1693
Melt Flow	0.65 g/10 min	0.65 g/10 min	Condition 190/2.16; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	2 in per min; ASTM D638 Type IV
Elongation at Break	>= 300 %	>= 300 %	2 in per min; ASTM D638 Type IV
Flexural Modulus	1.654 GPa	239.9 ksi	ASTM D790

Processing Properties	Metric	English	Comments
Processing Temperature	193 - 232 °C	379 - 450 °F	Extrusion

## Contact Songhan Plastic Technology Co.,Ltd.

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