

**HIGH DENSITY POLYETHYLENE RESIN**

HDPE 6095H is a high molecular weight, high-density polyethylene copolymer that has been designed specifically for tubular film extrusion. Its broad molecular weight distribution and density successfully combine to give excellent performance at high extrusion rates with high film strength and rigidity. The grade is recommended for high strength grocery sacks, shopping bags and notion and millinery bags. The excellent drawdown characteristic of this product permits production of highquality thin films for multi-wall sack liners and replacement for thin paper products. The combination of strength and drawdown makes this resin ideal for downgauging in many applications. The grade is compatible with color concentrates, thus permitting the production of a variety of colored films that serve as protective and attractive decorative wraps.

**TYPICAL CHARACTERISTICS:**

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Melt Flow Index (190oC / 2.16 Kg )	ASTM D1238	g/10 min	0.05
Density	ASTM D792	g/cm3	0.952
Tensile Stress at yield MD	ASTM D8822	Mpa	35
Tensile Stress at yield TD	ASTM D8822	Mpa	29
Dart Drop Impact (12.7 µm)	ASTM 1709A*	g	128
Vicat Softening Temperature	ASTM D1525	oC	125
Melting Temperature (DSC)	ASTM D3418	oC	130

**FOOD CONTACT APPLICATIONS:** This grade meets with the requirements of FDA: CFR title 21, 177.1520 and EU regulation 10/2011 for food contact application when used unmodified and processed according to good manufacturing practices.

14-16 Derby Rd, Bootle L20 8EE, United Kingdom

**Revision history**  
Document created: Wednesday, May 13, 2015  
Last Updated: 9/15/2018