TECHNICAL DATA SHEET

HDPE 1285

High Molecular Weight High Density Polyethylene Film Resin

FILM

RESIN PROPERTIES [1]

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	0.07
190°C/5.0 kg	–	–	0.31
190°C/21.6 kg (HLMI)	–	–	9.0
Density	D792	g/cm^3	0.950
Melting Temperature	D3418	°F	260

FILM PROPERTIES [1] [2]

	Method	Unit	Typical Value
Dart Impact	D1709, A	g	350
Elmendorf Tear	D1922	g (MD/TD)	24 / 120
Tensile Strength at Yield	D882, A	psi (MD/TD)	5,300 / 5,000
Tensile Strength at Break	D882, A	psi (MD/TD)	8,900 / 8,500
Elongation at Break	D882, A	% (MD/TD)	400 / 400

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
(2) Film was produced at 0.8 mil with a 4:1 BUR.

CHARACTERISTICS:

- Bimodal molecular weight distribution
- Good tear strength
- Good impact strength
- Good processability
- Excellent bubble stability

APPLICATIONS:

- T-shirt sacks
- Trash can liners
- Merchandise bags
- Coextruded films