

LDPE Lupolen 1800 S

Product Description

Typical application include caps & closures, engineering parts and lesiure & sports equipment.

Applications

- Caps & Closures
- Sports
- Leisure and Toys

Processing Method

- Injection Moulding

Features

Fast Cycle(Production), Low Density, Good Flexibility, Good Processability

Producer

Amir Kabir Petrochemical Company

No	Property	Value	Units	Test Method
1	Density	0.917	g/cm ³	ISO 1183
2	Melt flow rate (MFR)(190°C/2.16Kg)	20.0	g/10 min	ISO 1133
3	Tensile Modulus	150	MPa	ISO 527-1, -2
4	Tensile Stress at Yield	8.0	MPa	ISO 527-1, -2
5	Tensile Strength MD/TD		MPa	ISO 527-1, -3
6	Tensile Strain at Break MD/TD		%	ISO 527-1, -3
7	Dart Drop Impact(50 blown film)		g	ASTM D 1709
8	Vicat softening temp(A50 (50 °C/h 10N))	80	°C	ISO 306
9	Haze (50)		%	ASTM D 1003
10	Gloss (60 °,50)			ASTM D 2457