



Producer: Quattor / Brazil

EI - 1630

Description:

Low Density Polyethylene produced under high pressure conditions in an autoclave reactor. It offers excellent processability and flexibility.

Applications:

This resin is recommended for injection of parts with high flexibility, vehicle for color and additives concentrates (masterbatch) and polymer blends.

PROPERTIES	VALUE	UNIT	ASTM METHOD
RESIN			
Melt Index (190°C/2.16kg)	30,0	g/10min	D-1238
Density	0,916	g/cm ³	D-1505/2839
MECHANICAL^A			
Tensile Strength At Break	8,0	MPa	D-638
Tensile Strength At Yield	10,0	MPa	D-638
Elongation at Break	492	%	D-638
1% Secant Modulus	169	MPa	D-638
Hardness Type A	98	-	D-2240
Hardness Type D	51	-	D-2240
THERMAL			
Melt Temperature	104	°C	D-3417/3418
Vicat Softening Temperature (10N/120°C/h)	82	°C	D-1525

Comments:

A: According to ASTM-D 4703, annex 1 procedure C.