

HDPE

Plastic Sheet Goods

Blow Molding Resin

HB-L354-A

Melt Index	0.30
Density	0.955

Features

- Good balance of physical and molding properties-high toughness
- Excellent processability on high-speed, multiple-head blow molding lines
- UL-94HB listed

Additives

- Process stabilizer

Applications

- Household chemical bottles
- Industrial chemical bottles
- Automotive fluid bottles
- Pharmaceutical bottles
- Toys

Properties	ASTM ⁽¹⁾	Units	Typical Values ⁽²⁾
Melt Index ⁽³⁾	D 1238	g/10 min	0.30
Density	D 792	g/cm ³	0.955
Molded Plaque Properties			
Tensile Strength @ Yield	D 638	MPa (psi)	31 (4 540)
Elongation @ Break	D 638	%	900
Flexural Modulus	D 790	MPa (psi)	1 180 (175 000)
Softening Point (Vicat)	D 1525	°C (°F)	125 (257)
ESCR, F ₅₀ ⁽⁴⁾	D 1693	h	48
Izod Impact ⁽⁵⁾	D 256	J/cm (ft-lb/in)	2.7 (5.0)

(1) Properties designated have been determined using methods which are in accordance with or substantially in accordance with the specified testing standards.

(2) Typical Values represent average laboratory values and are intended as guides only, not as specifications.

(3) Condition 190°C/2.16 kg.

(4) Environmental stress crack resistance, Condition B, 100% Igepal.

(5) 3.2 mm (0.125 in) thick specimen.

SOURCE: NOVAPOL® polyethylene

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