

HD5955

Technical Data Sheet

Applications

- 55 Gallon Drums
- Industrial Tanks
- Heavy Duty Parts
- Playground Equipment

PROPERTIES

Properties

- Phillips Process®
- Excellent Impact Strength
- Excellent Creep Resistance
- Excellent ESCR

HDPE Blow Molding Resin

PROPERTIES	VALUE	METHOD
HLMI 190°C/21.6kg (gm/10 min)	5.0	ASTM D1238
Density (gm/cc)	0.955	ASTM D1505
Tensile at Yield (psi)	4250	ASTM D638
Elongation at Break (%)	750	ASTM D638
Flexural Modulus (psi)	196000	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	> 1000	ASTM D1693
Brittleness Temperature, F ₅₀ (°F)	< -103	ASTM D746
Hardness, Shore D	60	ASTM D2240

FDA

This material complies with FDA regulations in 21 CFR, section 177.1520

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