

Technical Data Sheet (TDS)

HDPE 5502BN

Typical blow molded applications for HHM 5502BN include:

- Ice chests and coolers
- Household and industrial chemical containers
- Food packaging
- Pharmaceuticals

NOMINAL PHYSICAL PROPERTIES ⁽¹⁾	English	SI	Method
Density	---	0.955 g/cm ³	ASTM D1505
Flow Rate (MI, 190 °C/2.16 kg)	---	0.35 g/10 min	ASTM D1238
Tensile Strength at Yield , 2 in/min, Type IV bar	4,000 psi	27 MPa	ASTM D638
Elongation at Break , 2 in/min, Type IV bar	600 %	600 %	ASTM D638
Flexural Modulus , Tangent - 16:1 span:depth, 0.5 in/min	200,000 psi	1,370 MPa	ASTM D790
ESCR , Condition B (100 % Igepal), F ₅₀	24 h	24 h	ASTM D1693
Brittleness Temperature , Type A, Type I specimen	< -103 °F	< -75 °C	ASTM D746

For your reference only.

