

High density polyethylene (HDPE)

B-Y460
Shurtan GCC, Uzbekistan

PROPERTIES

Description	B-Y460 is characterized by a wide molecular weight distribution. Available in the form of granules.		
Applications	Blow molding: Mild stress crack applications, bottles for bleach & detergents, industrial chemicals.		
Melt Flow Index (192 °C @ 2.16)	g/10min	0.33-0.43	ASTM D1238
Density	g/cm ³	0.960	ASTM D792
Tensile Strength (Yield)	MPa	30	ASTM D638 (D882-Film)
Tensile Strength (Break)	MPa	--	ASTM D638 (D882-Film)
Elongation at Break MD/TD	%	1000 / 50	ASTM D638 (D882-Film)
Izod Impact Strenght	J/m	70	ASTM D256
Shore hardness	Shore D	69	ASTM D2240
VICAT Softening Point	°C	127	ASTM D1525
ESCR	hr	50	ASTM D1693/B
Flexural modulus	MPa	1345	ASTM D790

These are typical properties: not to be construed as specification.