



TECHNICAL DATA SHEET (TDS)

HDPE BM03-55 HIGH DENSITY POLYETHYLENE

OVERVIEW: Excellent stiffness, stress crack resistance.

Applications: general purpose blow resin, pharmaceutical packaging.

Complies with the specifications U.S FDA 21 CFR 177.1520

ADDITIVE:

Properties	Test Method	Units	Nominal Values
Melt Index (190° C/2.16 Kg)	ASTM D1238	g/10min	0.35
Density	ASTM D1505	g/cc	0.955
Properties			
Environmental stress crack Resistance (ESCR)condition AF50 (100% igepal)	ASTM D1693	h	45
Environmental stress crack Resistance (ESCR)condition BF50 (100% igepal)	ASTM D1693	h	35
Tensile yield strength 2"per min	ASTM D638 type IV	Psi	4000
ultimate Elongation 2" per min	ASTM D638 type IV	%	>600
Brittleness Temperature	ASTM D746	°F	<-180
Flexural Modulus	ASTM D790	Psi	200000

Physical properties measured on compression molded specimens

The above information is provided in good faith. PACIFIC is not responsible for any processing or compounding which may occur to produce finished articles, packaging materials or their components. Further, PACIFIC MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN FOR THE PRODUCTS DESCRIBE D, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR PARTICULAR PURPOSE.

825 BRICKELL BAY DRIVE, SUITE 1750, MIAMI, FLORIDA 33131
TELEPHONE (305) 358-1900 WWW.PACIFIC-LTD.COM



Rev. April 2022