



Technical Product Specification

Re Pro | HDMBM01– High Density Polyethylene PCR Resin

Product Description:

HDMBM01 is a High Molecular Weight High Density Polyethylene grade. It is available in Blue Colour made out of Post-Consumer HDPE Waste. It is blended with required additives during manufacture to exhibit good stiffness and melt.

Suitable Uses: Medium Volume Blow Moulded Containers

Product Photo:



Test Parameters:

Test Parameter	Standard	Typical value	Unit
Melt Flow Index	ASTM D1238 (190° C/5 kgs)	0.4 – 0.6	gm/10 min
Density	ASTM D792 23° C	0.940 – 0.970	gm / cm3
Tensile Strength Yield	ASTM D638	23-26	mpa
Elongation at Yield	ASTM D638		%
Ash content	ASTM D5630	<1.0	%
Filter mesh		80	Mesh/Sq In

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