

# rHDPE MBF01

Recycled High Density Polyethylene MBF01

## TECHNICAL SPECIFICATION

### Product Description

MBF01 grade has excellent stiffness, heat distortion resistance and good environmental stress crack resistance.

Recommended use: bottles.

Recommended application: Extrusion and Extrusion blow molding.

Property	Test method	Value	Unit
Melt Index	ASTM D1238 (190°C, 2.16kg)	0.3 ± 0.05	g/10min
Density	ASTM D792	0.94 ± 0.02	g/cm <sup>3</sup>
Tensile Strength (at yield)	ASTM D638	23 ± 2	MPa
Flexural Strength	ASTM D790	270 ± 50	Kg/cm <sup>2</sup>
Flexural Modulus	ASTM D790	800 ± 100	MPa
Izod Impact	ASTM D256	> 490 nonbreak	J/m
%PP	ASTM D5576	≤ 5	%
Filtration (Screen pack)		120 x 4 100 x 2	Mesh
Pellet size		38 ± 5	Pellets/g
Color	X-Rite Metavue VS3200	Natural	
		L= 73 ± 3	
		a= 0 ± 2	
		b= 11 ± 4	
Durometer Hardness, Type D (Shore D)	ASTM D2240	≥ 54	/

### Regulatory

Contains no substance on the REACH 223 SVHC list, QCVN 12-1:2011 BYT.

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Customer

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