

General specifications

Material	HDPE	Grade	G2621
Producer	Rata shomal Recycling Industries Company		
Application	Blow molding		
Color	Transparent		
Appearance	Granule		

Technical specification

	Item	Unit	Value	Test Method
Physical	ASH CONTENT (600°C, 30min)	%	3	ASTM D5630
	Density	gr/cm ³	0.95	ASTM D1505
	MFI (190°C, 2.16kg)	gr/10 min	0.5	ASTM D1238
Mechanical	HARDNESS (5sec/23°C)	Shore D	59	ASTM D2240
	Elongation @ break	%	700	ASTM D638
	Impact (izod 23°C)	kJ/m ²	24	ASTM D256-10
Thermal	Melt point (DSC)	°C	127.53	ASTM D3418
	Vicat softening point	°C	123	ASTM D1525