

General specifications

<b>Material</b>	LDPE	<b>Grade</b>	G4321
<b>Producer</b>	Rata shomal Recycling Industries Company		
<b>Application</b>	General uses , packaging film , pipe		
<b>Color</b>	Transparent		
<b>Appearance</b>	Granule		

Technical specification

	Item	Unit	Value	Test Method
<b>Physical</b>	<b>ASH CONTENT</b> (600°C,30min)	%	≤ 0.1	ASTM D5630
	<b>Density</b>	gr/cm <sup>3</sup>	0.92	ASTM D1505
	<b>MFI</b> (190°C,2.16kg)	gr/10 min	≤ 1	ASTM D1238
<b>Mechanical</b>	<b>HARDNESS</b> (5sec/23°C)	Shore D	32	ASTM D2240
	<b>Tensile stress @ yield</b>	Mpa	42	ASTM D638
	<b>Elongation @ break</b>	%	340	ASTM D638
<b>Thermal</b>	<b>Melt point ( DSC )</b>	°C	115	ASTM D3418
	<b>Vicat softening point</b>	°C	99	ASTM D1525