



HIGH DENSITY POLYETHYLENE HD52B18UV

"BG-HD-52B18" is a high density polyethylene, which is a Co-monomer Butene-1 (C4). BG-HD-52B18 has features including: Easy Processing, High Rigidity, High Strength. HD52B18uv has a UV Stabilizer additive.

Producer:

Miandoab Petrochemical Company

NO	Property	Condition	Value	Units	Test Method
1	Melt Flow Rate (MFR)	190°C / 2.16 Kg	15-21	g/10 min	ASTM D1238
2	Density	23°C	0.951-0.953	g/cm ³	ASTM D1505
3	Bulk Density		0.57	g/cm ³	ASTM D1895
4	F/E Ratio		<30	—	ASTM D1238
5	Yellowness Index		<4 (0.5)	—	ASTM D1925
6	Ti Content		≤5 (2)	ppm Wt	MTM 15636
7	Tensile Strength @ Yield		25-27	MP	ASTM D638
8	Tensile Strength @ Break		>14	MP	ASTM D638
9	Elongation @ Break		>150	%	ASTM D638
10	Vicat		130-134	°C	ASTM D1525
11	Flexural Modulus		1300-1400	MP	ASTM D790
12	Izod Impact		36	J/min	ASTM D256

Applications:

- General Purpose
- Thin Walled Foam Containers

