

High Density Polyethylene

HD3840UA (Rotational Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D-1238	gr/10min	3.8 - 4.5
Density	D-1505	gr/cm ³	0.935-0.939
Tensile Strength@Yield	D-638	Mpa	18
Tensile Modulus	D-638	Mpa	—
Elongation@Break	D-638	%	1000
Flexural Modulus	D-790	Mpa	700
Hardness Shore D	D-2240	—	—
Charpy Impact Resistance (Notch)	D-256	Kj/m ²	20

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

HD3840UA is a linear, UV stabilized virgin medium density polyethylene copolymer grade (MDPE), with a narrow molecular weight distribution.