

Product Data Sheet: BG-HD-6040UV

Injection Molding		
Density: 0.958-0.961		MFI: 3.6-4.4
Feature: • Comonomer: Buten1	Application: • Pallet • Dustbins & Pails • Shipping Container • Fish Crats • Storing Cases	Additive: • Neutralizer: Calcium Stearat • Antioxidants: Irganox1010 & Irgafos168 • UV Stabilizer

* **Material properties** (this data are typical values and shall not be construed as product specifications.)

Resin Properties	Unit	Condition	Typical Value	Test Method
Melt Flow Rate (MFR)	gr/10min min	190°C/2.16 kg	3.6-4.4	ASTM D 1238
Density	gr/cm ³	23 °C	0.958-0.961	ASTM D 1505
Vicat softening Temperature	°C	At 10 N(VST/A)	133	ASTM D 1525
Tensile Modulus	Mpa	-	1040	ASTM D 638
Tensile Strenght @ Yield	Mpa	-	33	ASTM D 638
Tensile Strenght @ Break	Mpa	-	15	ASTM D 638
Tensile Elongation @ Yield	%	-	8	ASTM D 638
Tensile Elongation @ Break	%	-	1300	ASTM D 638
Flexural Modulus	Mpa	-	1300	ASTM D 790
Izod Impact (notched)	J/M	23±2 °C	85	ASTM D 256
Shrinkage	%	-	2	ASTM D 955

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