POLYMY
MEETING EXCELLENCE

TECHNICAL DATASHEET

HDPE CRP100B COMPOUND

Analysis:

Typical Properties	Method	Value	Unit
MFI@190°C, 5.0Kg	ASTM 1238	0.22	gr/10min
MFI@190°C, 21.6Kg	ASTM 1238	6.2	gr/10min
FRR (21.6/5.0)	-	28	-
Mass Density(23°C)	ISO 1183-1	0. 957	gr/cm³
Bulk Density	ASTM D D1829	0.605	gr/cm³
Carbon Black Content	ASTM D 4218	2.3	%
Carbon Black Dispersion	BS-2782	max 3	Rating
Impact Strength (Charpy Index@23°C)	ISO 179/1eA	>20	mj/mm²
Hydrostatic Strength (80°C/5.5MPa)	ISO 11677	>165	hr
Volatiles	Basel Method	349	ppm
Contamination	Hoechst Method	2	Rating
Vicat Softening Temperature, (B50)	ASTM D D1525	75	°C
Oxidation Induction Time, (210 °C)	ASTM D 3895	>25	min
DSC Melting Point	-	130	°C
Shore Hardness, (Shore D, 3 sec)	ASTM D 2240	63	-