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# Technical Data Sheet

Product Name: ENMAT PHBV resin

Item	Data	Test Standard
Specific Gravity	1.25	ISO 1183-3:1999
Melt Flow Index	10-25	ISO 1133:1997, g/10 min, 190°C, 2.16kg
Yield Stress ( MPa)	31-36	ISO 527-1:1993
Tensile Strength (MPa)	39	ISO 527-1:1993
Elongation at Break (%)	3.8	ISO 527-1:1993
Young' s Modulus(MPa)	1600-2100	ISO 527-1:1993
Flexural Modulus (MPa)	2200-2900	ISO 178:1993
Vicat Softening Temperature ( °C)	166	ISO 306:1994
Izod Impact (J/m)	55-60	ISO 180:2000
Heat Deflection Temperature ( °C)	157-165	ISO 75-2:2003
DSC Melting Point ( °C)	175-180	ISO 11357-3:1999