



TECHNOVINYL POLYMERS(I)LTD.



TECHNICAL DATA SHEET

Product Code No. 11003

Binary Nano Bumper Compound

Properties	Unit	Values
MFI at 230 deg. C, 2.16 kg	gms/10 min	> 35
Tensile Strength at yield	kg/cm ²	> 17
Izod Impact Strength	Kg.cm/cm	No Break
Flexural Modulus	Kg/cm ²	> 16000
Specific Gravity	--	1.03
Elevated temp. behaviour 24 hrs. @ 100 ^o C in circulated air	--	no change in shape or surface
Aging at elevated temp. 400 hr. @ 150 ^o C	--	no decomposition typical of PP
Light fastness Weatherability	Hr.	1500
HDT @ 0.45 Mpa Load	^o C	> 100
Mould Shrinkage	%	0.8
Co-efficient of Linear Thermal Expansion	X10 ⁻⁵ / ^o C	6

Features :

- Ultra High Flow for Thin Wall Bumpers
- Based on Organic Nano Rubber morphology
- Inorganic Binary Nano Reinforcement
- Excellent Stiffness Impact Balance