



TECHNOVINYL POLYMERS(I)LTD.  
30, Unique Indl. Estate, Dr. Rajendra Prasad  
Road, Mulund(W), Mumbai-400 080  
Tel.: 022-25930940/41/43/44. Fax: 022-25642577  
Email: [kk\\_group@vsnl.net](mailto:kk_group@vsnl.net) Website: [www.kkthelittlegiant.com](http://www.kkthelittlegiant.com)



## 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 <sup>2</sup>	> 17
Izod Impact Strength	Kg.cm/cm	No Break
Flexural Modulus	Kg/cm <sup>2</sup>	> 16000
Specific Gravity	--	1.03
Elevated temp. behaviour 24 hrs. @ 100 <sup>o</sup> C in circulated air	--	no change in shape or surface
Aging at elevated temp. 400 hr. @ 150 <sup>o</sup> C	--	no decomposition typical of PP
Light fastness Weatherability	Hr.	1500
HDT @ 0.45 Mpa Load	<sup>o</sup> C	> 100
Mould Shrinkage	%	0.8
Co-efficient of Linear Thermal Expansion	X10 <sup>-5</sup> / <sup>o</sup> C	6

### Features :

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

### Manufactures Of :

Thermoplastic Elastomers  
Hi Performance PVC Compounds  
PP Compounds  
Speciality Polymers