ARMIDAN® NT7210

Polyolefin Elastomer Impact Modifiers

DESCRIPTION

ARMIDAN® NT7210 is a maleated polyolefin elastomer specifically designed for alloying with Nylon to improve toughness. Suggested loading levels are between 5 and 20 wt % depending on the specific Nylon base resin grade and desired level of impact modification.

Property		Average Values	
		NT7210	Units
Specific Gravity		0.89	g/cm^3
Melt Flow Index, ASTM D1238		19	g/10 min (@190℃/21.6 Kg)
Mooney Viscosity @ 170℃, ASTM D1646	Initial Viscosity	145	MU
	Viscosity @ 4 min	47	MU
Peak Melting Temperature		72	℃
Maleic Anhydride Level		High	Wt %

Increased Impact Strength (Notched Izod) provided by:	ARMIDAN® loading level	
	5%	20%
NT7210	25 - 30%	825 - 850%

PROPERTY NOTES

Data herein is typical and not to be construed as specifications.

Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

Values per SACO AEI Polymers, Inc. company testing

Referenced Maleic Anhydride levels should be considered as:
Low: <0.25% / Medium: 0.25%-0.75% / High: 0.75%-1.25% / Very High >1.25%

(22March2016)

3220 Crocker Avenue | Sheboygan, WI 53081 | USA | +1 (844) SACOAEI tel | 920.803.0779 fax
www.sacoaei.com | sales@sacoaei.com