



NPEX-S65CE

NPEX-S series is thermoplastic elastomers for products or applications that require flexibility and abrasion resistance.

Processing Applications

Injection molding, extrusion, or other melt processing techniques.

Product Descriptions

Form(s) Pellets
Color White
Handling 25 kg./bag

Property	Test method	Unit	Value
Shore Hardness (Instantaneous)	ASTM D2240	Shore D	67
Shore Hardness (After 15s)	ASTM D2240	Shore D	65
Specific Gravity	ASTM D792	g/cm ³	1.08
Tensile strength	ASTM D638	MPa	34.10
Elongation at break	ASTM D638	%	131.70
Flexural strength	ASTM D790	MPa	32.64
Flexural modulus	ASTM D790	MPa	1490.23
Abrasion	DIN 53516	mm ³	114
Ross Flex	SATRA TM60	Cycle (-10 °C)	12K
Normal Flex	SATRA TM60	Cycle (23 °C)	36K
Vertical Rebound Resilience	ASTM D2632	%	60.67

Remark: 1. Recommended processing conditions: Melt temperature: 230-250 °C
2. This grade need to dry before processing.



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