



NPEX-F400

NPEX-F400 is thermoplastic modified amide suitable for application that requires high mechanical properties performance. This is the good compromise product between flexibility and durability.

Processing Applications

Injection molding, extrusion, or other melt processing techniques.

Product Descriptions

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

Property	Test method	Unit	Value
Shore Hardness (Instantaneous)	ASTM D2240	Shore D	72
Shore Hardness (After 15s)	ASTM D2240	Shore D	68
Specific Gravity	ASTM D792	g/cm ³	1.05
Tensile strength	ASTM D638	MPa	48.40
Flexural strength	ASTM D790	MPa	31.92
Flexural modulus	ASTM D790	MPa	413.96

Key Features

- High mechanical properties
- Flexible

Remark: 1. This grade need to dry before processing: 110 °C for 4 hrs.
2. Recommended processing conditions: Melt temperature: 230-260 °C



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