



# Elvamide®

nylon multipolymer resin

## PRELIMINARY DATA

### Elvamide® 8061

#### General Purpose Nylon Multipolymer Resin

General purpose nylon multipolymer resin combining good solubility, abrasion resistance and toughness.

Property	Test Method	Units	Value
			50%RH,23C,24h
<b>Mechanical</b>			
Tensile Strength	ASTM D 638	MPa (kpsi)	51.4 (7.5)
Elongation at Break	ASTM D 638	%	320
Flexural Modulus	ASTM D 790	MPa (kpsi)	952 (138)
<b>Thermal</b>			
Melting Point	ASTM D 3418	°C (°F)	156 (313)
<b>Other</b>			
Specific Gravity	ASTM D 792		1.08
Hardness, Durometer D	ASTM D 2240		75
Hardness, Rockwell Scale R	ASTM D 785		71
Water Absorption Immersion 24h	ASTM D 570	%	3.1
<b>Sales Specifications - Resin</b>			
Relative Viscosity	ASTM D 789		70-100

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc. Mechanical properties measured at 23°C (73°F) unless otherwise stated.

**The above data are preliminary and are subject to change as additional data are developed on subsequent lots.**

Elvamide® is a DuPont registered trademark.

980306/991014

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. Caution: Do not use this product in medical applications involving permanent implantation in the human body. For other medical applications see "DuPont Medical Caution Statement", H-51459 or H-50102.

**Start with DuPont Engineering Polymers - [www.dupont.com/enggpolymer](http://www.dupont.com/enggpolymer)**