DuPont™ Elvamide® 8061

NYLON MULTIPOLYMER RESIN

Product Information

DuPont Elvamide® nylon multipolymer resins are a family of unique polymers having outstanding abrasion resistance, high tensile strength and elongation, and excellent adhesion to nylon yarns.

Important benefits of DuPont Elvamide® are:

Excellent adhesion to nylon yarn
Readily applied from solutions in low cost, quick evaporating alcohols
High melting point prevents “gumming-up” at high needle temperatures frequently encountered in high speed sewing
Only 4% to 10% Elvamide® is required to give excellent bonding, with consistent quality

Elvamide® 8061 is a general purpose nylon multipolymer resin combining good solubility, abrasion resistance and toughness.

General information	Value	Unit	Test Standard
Resin Identification	PA6/66/610	-	ISO 1043
Part Marking Code	PA6/66/610	-	ISO 11469
Mechanical properties	**dry / cond**	**Unit**	**Test Standard**
Elongation at Break	320 / -	%	ASTM D 638
Flexural Modulus	950 / -	MPa	ASTM D 790
Tensile Strength	51 / -	MPa	ASTM D 638
Hardness, Rockwell, Scale R	71 / -	-	ASTM D 785
Thermal properties	**dry / cond**	**Unit**	**Test Standard**
Melting temperature, 18°F/min	156 / *	°C	ISO 11357-1/-3
Other properties	**dry / cond**	**Unit**	**Test Standard**
Water Absorption, Immersion 24h	3.1 / *	%	Sim. to ISO 62
Specific Gravity	1.08 / *	-	ASTM D 792

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc. ISO Mechanical properties measured at 160 mil (Hytrel® measured at 80 mil), IEC Electrical properties measured at 80 mil, all ASTM properties measured at 120 mil, and test temperatures are 73°F unless otherwise stated.

To find out more, visit DuPont Performance Polymers or contact nearest DuPont location.

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