

# Elvamide® 8061Z

## NYLON MULTIPOLYMER RESIN

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

### Product information

Resin Identification	PA6/66/610	ISO 1043
Part Marking Code	>PA6/66/610<	ISO 11469
ISO designation	ISO 16396-PA6/66/610,,G1,,	

### Typical mechanical properties

	dry/cond.		
Tensile Strength	51 / -	MPa	ASTM D 638
Elongation at break	320 / -	%	ASTM D 638
Flexural modulus	950 / -	MPa	ASTM D 790
Hardness, Rockwell, Scale R	71 / -		ASTM D 785

### Thermal properties

	dry/cond.		
Melting temperature, 10°C/min	156 / *	°C	ISO 11357-1/-3

### Physical/Other properties

	dry/cond.		
Water absorption, Immersion 24h	3.1 / *	%	Sim. to ISO 62
Specific Gravity	1.08 / *		ASTM D 4052