Nylene® PAC9-130U

Polymeric Resources Corporation (PRC) - *Polyamide 6/69 Copolymer*

General Information

Product Description

- Effective processing is achieved with extruder and die temperatures in the range of 450 - 525 °F (232°C - 274°C) but may be processed as low as 420°F (216°C).
- Nylene® PAC6-130U is a copolymer of nylon 6 and has many of the properties desirable in nylon 6 such as toughness, chemical resistance and strength coupled with the advantages of a copolymer.
- These advantages include high elongation, good clarity and flexibility, and lower processing temperatures.

General			
Material Status	• Commercial: Active		
Availability	• North America		
Features	• Chemical Resistant • Copolymer • Good Clarity	• Good Flexibility • Good Strength • Good Toughness	• High Elongation • High Viscosity
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.11		ASTM D792
Relative Viscosity [2]	118 to 136		
Moisture	< 0.10	%	ASTM D6869
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	6670	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Flexural Modulus	241000	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73°F)	1.6	ft·lb/in	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	392	°F	ASTM D3418
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Methanol Extractables [3]	6.0 to 9.0	%	

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] Formic Acid

[3] MTL-WI-005