

NYLENE® PAC900-140U

PA6

Polymeric Resources Corporation

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	46.2	MPa	ASTM D 638
Flexural Modulus	1689	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	200	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	65	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	249 - 260	°C	-
Feed temperature	232 - 243	°C	-
Zone 1	243 - 254	°C	-
Zone 2	230 - 245	°C	-
Nozzle temperature	249 - 260	°C	-

Characteristics**Processing**

Film Extrusion

Features

Copolymer

Special Characteristics

Transparent

Regional Availability

North America