

Radel® R-7700

PPSU

Syensqo

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2280	MPa	ASTM D 638
Tensile Strength	58.6	MPa	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	202	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.35	%	ASTM D 570
Density	1380	kg/m ³	ASTM D 792

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Thermoforming

Delivery form

Pellets

Special Characteristics

Flame retardant, High impact or impact modified

Features

Low Emission, Low Smoke

Applications

Aircraft and Aerospace

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa