

Polimaxx U310T
(PE-UHMW)

IRPC

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	18	MPa	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	300	%	ISO 527
Shore D hardness	58	-	ISO 7619-1
ASTM Data			
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ISO Data			
Vicat softening temperature, A	128	°C	ISO 306
ASTM Data			
Melting Temperature	132	°C	ASTM D 3418
Other properties			
Intrinsic Viscosity	17.6	dl/g	-
Bulk density	400	kg/m ³	-
Density	930	kg/m ³	ASTM D 792
Material specific properties			
ISO Data			
Viscosity number	1970	cm ³ /g	ISO 307, 1157, 1628

Characteristics**Processing**

Other Extrusion, Compression Molding

Delivery form

Powder

Special Characteristics

High impact or impact modified, Transparent

Features

Tribologic Grade

Certifications

RoHS compliant

Regional Availability

Europe, Asia Pacific