

DuClear® QT 80 A

PP

Ducor Petrochemicals BV

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	12	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	190	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	2	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	151	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
Vicat softening temperature, B	72	°C	ISO 306
Optical properties			
ASTM Data			
Haze	8	%	ASTM D 1003
Other properties			
Density	910	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Anti-static, Transparent

Features

Low Odor, Copolymer, Random Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Europe, Asia Pacific, Near East/Africa