DuClear® QG 80 A

PP

Ducor Petrochemicals BV

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**6**	g/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**1450**	MPa	ISO 527
Yield stress	**34**	MPa	ISO 527
Yield strain	**9**	%	ISO 527
Strain at break	**40**	%	ISO 527
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**5**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**155**	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	**96**	°C	ISO 75-1/-2
Vicat softening temperature, A	**143**	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	**11**	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	**910**	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Sheet Extrusion, Other Extrusion, Blow Molding, Thermoforming

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

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