

Advance 150®

PP

Safripol (Pty) Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	29	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	49	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	70	°C	ISO 75-1/-2
Vicat softening temperature, A	133	°C	ISO 306
Vicat softening temperature, B	73	°C	ISO 306
Optical properties			
ASTM Data			
Light Transmittance	84	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Processing Recommendation Extrusion			
Zone 1	190	°C	-
Zone 2	230	°C	-
Zone 3	250	°C	-
Zone 4	250	°C	-
Nozzle temperature	245	°C	-

Characteristics**Processing**

Film Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Delivery form

Natural Color

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

High Gloss, Copolymer, Random Copolymer

Chemical Resistance

Oil Resistance

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

Regional Availability

Near East/Africa