

Safron® H511-03

PP

Safripol (Pty) Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	31	MPa	ISO 527
Yield strain	8.5	%	ISO 527
Flexural modulus, 23°C	1350	MPa	ISO 178
Charpy notched impact strength, +23°C	5.8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	54	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	78	°C	ISO 75-1/-2
Vicat softening temperature, B	90	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183
Processing Recommendation Extrusion			
Zone 1	190	°C	-
Zone 2	215	°C	-
Zone 3	250	°C	-
Zone 4	250	°C	-
Nozzle temperature	245	°C	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Delivery form

Natural Color

Features

Homopolymer

Certifications

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

Applications

Monofilament

Regional Availability

Near East/Africa