

**Mosten® FT 005**

PP

ORLEN Unipetrol RPA s.r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1700	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	9	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1850	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	68	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	170	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2

**Characteristics****Processing**

Thermoforming

**Delivery form**

Pellets, Natural Color

**Special Characteristics**

Anti-static

**Features**

Homopolymer

**Chemical Resistance**

General Chemical Resistance

**Certifications**

Food contact, Food approval 1935/2004/EC, Food approval 10/2011

**Applications**

Packaging

**Regional Availability**

Europe