

TECHNICAL DATA SHEET

TOTAL HR 515

TotalEnergies

Processing

Blown film extrusion, Film extrusion

Features

Blending resin

Chemical Resistance

Oxidation resistance

Certifications

Food contact

Applications

Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.22	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	127	°C	ISO 11357-1/-3
Other Properties	Value	Unit	Standard
Density	942	kg/m ³	ISO 1183
Film Properties	Value	Unit	Standard
Stress at yield, parallel	23	MPa	ISO 527-3
Stress at yield, normal	24	MPa	ISO 527-3
Stress at break, parallel	65	MPa	ISO 527-3
Stress at break, normal	53	MPa	ISO 527-3
Maximum strain, parallel	450	%	ISO 527-3
Maximum strain, normal	540	%	ISO 527-3
Dart drop A	145	g	ISO 7765-1
Type of extrusion	blown		
Thickness of specimen	0.02	mm	
Processing Recommendation Extrusion	Value	Unit	Standard
Type of extrusion	blown		
Melt temperature	190 - 220	°C	