

TOTAL 3762

PP

TotalEnergies

Product Texts

Applications: 3762 is recommended for staple fibers and bulk continuous filament (BCF) yarns.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1655	MPa	ASTM D 638
Flexural Modulus	1517	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	116	°C	ASTM D 648
Melting Temperature	166	°C	ASTM D 3418
Vicat Temperature	152	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	204 - 250	°C	-

Characteristics**Processing**

Other Extrusion

Applications

Multifilament

Features

Gas Fading Resistance, Homopolymer

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR