

**17603-006 Grade 1**

PE

Rosneft

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>Other Standards<sup>[S]</sup></b>			
Melt flow index, MFI	<b>0.6</b>	g/10min	GOST 11645-73

S: These properties are reported by the producer according standards that are different to our defaults.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>Other Standards<sup>[S]</sup></b>			
Yield stress	<b>9.8</b>	MPa	GOST 11262-2017
Stress at break	<b>13.7</b>	MPa	GOST 11262-2017
Strain at break	<b>600</b>	%	GOST 11262-2017

S: These properties are reported by the producer according standards that are different to our defaults.

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>Other Standards<sup>[S]</sup></b>			
Density	<b>919</b>	kg/m <sup>3</sup>	GOST 15139-69

S: These properties are reported by the producer according standards that are different to our defaults.

**Characteristics****Processing**

Film Extrusion

**Delivery form**

Pellets

**Certifications**

Food contact

**Applications**

Medical, Packaging, Toys

**Regional Availability**

Europe, Asia Pacific