



## Technical Data Sheet

### LDPE 5006

#### General

Features	LDPE, Post Consumer, Reprocessed
Appearance	Colorable Pellets
Processes	

*TYPICAL COMPOUND PROPERTIES	UNIT	TEST METHOD	CONDITION
Melt Flow Rate	1.4	g/10 min.	ASTM D1238 (Method A) 190°/2.16 kg (Condition F)
		<b>g/10 min.</b>	<b>ISO 1133-1 190°C/2.16 kg</b>
Filler Content	<1.0	%	ASTM D5630 (Method B) 800° C
		<b>%</b>	<b>ISO 3451-1 (Method A) 800° C</b>
Specific Gravity	0.93		ASTM D792 (Method A) Water Temp 23°C +/- 2°
			<b>ISO 1183-1 (Method A) Water Temp 23°C +/- 2°</b>

#### Mechanical

Tensile Strength @ Yield	2,200	psi	ASTM D638	2 in./min. 2 in. gauge length
		<b>MPa</b>	<b>ISO 527-1</b>	<b>50 mm/min. 50 mm gauge length</b>
**Tensile Elongation @ Break	800	%	ASTM D638	2 in./min. 2 in. gauge length
		<b>%</b>	<b>ISO 527-1</b>	<b>50 mm/min. 50 mm gauge length</b>
Flexural Modulus	38,000	psi	ASTM D790	2 in. span, 0.05 in./min.
		<b>MPa</b>	<b>ISO 178</b>	<b>2 mm/min. 64 mm span</b>
Notched Izod	9.0 NB	ft-lb/in	ASTM D256	2 lb. Hammer
		<b>KJ/m²</b>	<b>ISO 180 (Method A)</b>	<b>2 lb. hammer</b>

\*Values shown represent nominal averages and are not to be construed as product specifications.

\*\* Not on our Scope of Accreditation

**Bold denotes ACI's standard test method.**

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