

# WPP PE WPP711P-Natural

Washington Penn Plastic Co. Inc. - High Density Polyethylene

Sunday, November 17, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Copolymer	• High ESCR (Stress Crack Resist.)	• Ultra High Stiffness
Uses	• Bottles	• Consumer Applications	• Industrial Applications
Appearance	• Colors Available		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.940	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.34	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	26.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	130	%	ASTM D638
Flexural Modulus <sup>3</sup>	385	MPa	ASTM D790

### Additional Information

Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 500 mm/min

<sup>3</sup> 5.0 mm/min