

WPP PP PPC6TF2UV-Black

Polypropylene Copolymer

Washington Penn Plastic Co. Inc.

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Technical Data

Product Description

WPP PP PPC6TF2UV-Black is a Polypropylene Copolymer (PP Copolymer) product filled with 20% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of WPP PP PPC6TF2UV-Black include automotive and consumer goods.

Characteristics include:

- Copolymer
- Good UV Resistance
- Impact Resistant
- UV Stabilized

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• Washington Penn Plastic Co. Inc.		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Additive	• UV Stabilizer		
Features	• Copolymer	• Good UV Resistance	• High Impact Resistance
Uses	• Consumer Applications		
Appearance	• Black	• Colors Available	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity			
--	1.04	1.04 g/cm ³	ASTM D792
--	1.04 g/cm ³	1.04 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 g/10 min	17 g/10 min	ASTM D1238 ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	2760 psi	19.0 MPa	ISO 527-2/50
Flexural Modulus ³	232000 psi	1600 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength			ISO 180
-22°F (-30°C)	1.9 ft·lb/in ²	4.0 kJ/m ²	
73°F (23°C)	11 ft·lb/in ²	23 kJ/m ²	
Gardner Impact ⁴ (73°F (23°C))	320 in·lb	36.2 J	ASTM D5420
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	53	53	ASTM D785
Shore Hardness (Shore D)	66	66	ISO 868
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			ISO 75-2/B
66 psi (0.45 MPa), Unannealed	214 °F	101 °C	

Additional Information

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

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 0.079 in/min (2.0 mm/min)

⁴ 100% Reliability



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Where to Buy

Supplier

Washington Penn Plastic Co. Inc.

Washington, PA USA

Telephone: 724-228-1260

Web: <http://www.washpenn.com/>

Distributor

Channel Prime Alliance

Telephone: 800-247-8038

Web: <http://www.channelpa.com/>

Availability: North America

Chase Plastic Services, Inc.

Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here:

<http://www.chaseplastics.com/contact/locations>

Telephone: 800-232-4273

Web: <http://www.chaseplastics.com/>

Availability: North America

Nexeo Solutions

Telephone: 888-594-6009

Web: <http://www.nexeosolutions.com/>

Availability: North America

Nexeo Solutions - Europe

Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country.

Telephone: +34-93-480-9125

Web: <http://www.nexeosolutions.com/>

Availability: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Russian Federation, Spain, Sweden, Switzerland, United Kingdom

