

# EL-Pro™ P756C

Polypropylene Random Copolymer  
SCG Chemicals Co., Ltd.

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## Technical Data

### Product Description

P756C is a random copolymer polypropylene resin for extrusion coating/lamination process of PP woven cloth.

### General

Material Status	• Experimental: Active
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>
Search for UL Yellow Card	• <a href="#">EL-Pro™</a>
Availability	• Asia Pacific • North America
Features	• Good Adhesion • High Gloss • Random Copolymer • Good Processability • Low Neck-In
Uses	• Bags
Forms	• Pellets
Processing Method	• Extrusion • Extrusion Coating • Laminating

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.910 g/cm <sup>3</sup>	0.910 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength - Across Flow <sup>3</sup>			ASTM D638
Yield	3680 psi	25.4 MPa	
Break	2320 psi	16.0 MPa	
Flexural Modulus	1.31E+6 psi	9020 MPa	ASTM D790

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	295 °F	146 °C	ASTM D2117

### Notes

<sup>1</sup> 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.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

<sup>3</sup> 2.0 in/min (50 mm/min)

