

# X-Pro® SP200 P 4058



## OVERVIEW

- Automotive certification: Chrysler, MS DB500 CPN 4058
- Polypropylene Copolymer, recycled, medium flow
- Low cost alternative to virgin resin with comparable quality and process ability

## Processing

Injection Molding

## Application

Automotive General Purpose, Automotive Wheel Housings

## Color

General Purpose Black

## Quality

- ISO 9001: 2015 registered
- IEC 17025: 2017 accredited laboratories
- COA on every lot

PROPERTY	VALUE	UNITS	TEST METHOD
Melt Flow	13-17	g/10 min	ASTM D1238 / ISO 1133
Izod Impact Notched @ 23° C	1.8	Ft lbs/in	ASTM 256 / ISO 180/A
Tensile @ Yield	2,500	psi	ASTM D638 / ISO 527-1/2
Flexural Modulus 0.05 in/min	110,000	psi	ASTM D790 / ISO 178

## GENERAL INJECTION MOLDING GUIDE

### Barrel Temperature

Rear: 360°F to 420°F  
Middle: 380°F to 440°F  
Front: 400°F to 420°F

### Nozzle Temperature

400°F to 420°F

### Melt Temperature

400°F to 440°F

### Mold Temperature

80°F to 140°F

### Molding Pressure

Boost: 500 to 1,500 psi  
Hold: 50 to 75% of Boost  
Back: 50 to 150 psi

### Screw Speed

Medium to Fast

### Clamp Force

2 to 2.5 tons per square  
inch part projected area



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