

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# ZH 510L

PP HOMOPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	5 - 7	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1400 - 1700	MPa	-----	ASTM D790
Hardness, Rockwell R	100 - 120	-----	-----	ASTM D785
Izod Impact Strength, Notched	39.96 – 40.04	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	10 - 12	%	-----	ASTM D638
Tensile Strength at Yield	30 - 40	MPa	-----	ASTM D638
Heat Deflection Temperature	87 - 101	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	150 - 158	°C	9.8 N	ASTM D1525

- Manufacturer: Navid zar shimi Pet.co.
- Application: Auto parts, toys, bags, home appliances, fibers, outdoor use, ribbon yarn.
- Process: Textile, Injection Molding.
- Features: Good flowability, good processability, good stiffness, food contact grade.

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