



NAVID ZAR CHIMI Ind. Co.
Polypropylene Manufacturer



Parslen ZB440L

Parslen ZB440L is a medium flow heterophasic copolymer with improved mechanical properties, designed for a wide range of applications in the packaging, automotive and consumer goods industries.

"**Parslen ZB440L**" is a medium flow heterophasic copolymer with improved mechanical properties balance. The product features high stiffness and outstanding impact strength at low temperatures and is specifically designed for injection molding applications. It exhibits 35 % higher toughness, in comparison with conventional copolymers with the same MFR. "**Parslen ZB440L**" is suitable for a wide range of applications in the packaging, automotive and consumer goods industries. Typical applications include luggage, paint pails, buckets, containers, crates, batteries and large toys.

Processing Method:

Injection molding

Features:

High impact strength
High stiffness

Typical Applications:

Packaging, automotive and consumer goods industries
Luggage, paint pails, buckets
Containers, crates, batteries and large toys

Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	6	± 1	ASTM D1238
Flexural Modulus	MPa	1400	± 150	ASTM D790
Tensile Strength at Yield	MPa	26	± 3	ASTM D638
Tensile Elongation at Yield	%	9	± 1	ASTM D638
Izod impact strength (notched) at 23°C	J/m	> 100	-	ASTM D256
Izod impact strength (notched) at -20°C	J/m	60	± 10	ASTM D256
Shore hardness	Shore D	65	± 7	ISO 868
Vicat softening point	°C	152	± 10	ASTM D1525
H.D.T. (0.45 MPa)	°C	95	± 10	ASTM D648

* These are typical property values not to be construed as exact product specification.

** All specimens are prepared by injection molding.