



Parslen ZB432L

Parslen ZB432L is a heterophasic copolymer designed for automotive components, including: battery cases, cooling water compensation reservoirs, brake fluid reservoirs, wash water reservoirs, dashboard supports, luggage compartment trims and door trim panels.

"Parslen ZB432L" is a heterophasic copolymer with an excellent balance of mechanical properties and processability and features an excellent long-term heat-stability. Articles molded with "Parslen ZB432L" offer a good balance of stiffness and toughness, good surface properties and a very high resistance to chemicals and crazing. "Parslen ZB432L" is largely used for automotive components. It has an antistatic formulation that provides good de-molding properties. This grade is mildly nucleated to prevention of warpage and maximize the stiffness-impact balance.

Processing Method:

Injection molding

Features:

Medium flow
 Excellent balance of stiffness/impact strength
 Excellent long-term heat-stability
 Good heat aging
 Low warpage

Typical Applications:

Battery cases, cooling water compensation reservoirs
 Brake fluid reservoirs, wash water reservoirs, dashboard supports and door trim panels

Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	7.5	± 1	ASTM D1238
Flexural Modulus	MPa	1400	± 150	ASTM D790
Tensile Strength at Yield	MPa	27	± 3	ASTM D638
Tensile Elongation at Yield	%	8	± 1	ASTM D638
Izod impact strength (notched) at 23°C	J/m	>100	-	ASTM D256
Izod impact strength (notched) at -23°C	J/m	35	± 4	ASTM D256
Rockwell Hardness	R-Scale	95	± 10	ASTM D785
Vicat softening point	°C	150	± 10	ASTM D1525
H.D.T. (0.45 MPa)	°C	90	± 8	ASTM D648

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

** All specimens are prepared by injection molding.