



Parslen ZB545L

Parslen ZB545L is a nucleated, antistatic and slip agent heterophasic copolymer used for caps & closures, housewares and small or medium sized containers.

Parslen ZB545L is a stiff and impact resistant heterophasic copolymer intended for compression molding and injection molding. The main features are very good processability, high melt strength and extremely low potential for stress whitening. It has a slip and antistatic formulation that provides good de-molding properties, low dust attraction and low coefficient of friction to meet the industry standards on closure opening torques. This grade uses nucleated agent to increase productivity by cycle time reduction.

Processing Method:

Compression molding
Injection molding

Features:

Very good processability
High creep performance
Very good stiffness and impact balance
Improved stress-whitening

Typical Applications:

Caps and closures for beverage, food and industrial packaging
Packaging for food, cosmetics and pharmaceutical products
Small or medium sized containers
Housewares

Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	6	± 1	ASTM D1238
Flexural Modulus	MPa	1200	± 120	ASTM D790
Tensile Strength at Yield	MPa	25	± 3	ASTM D638
Tensile Elongation at Yield	%	9	± 1	ASTM D638
Izod impact strength (notched) at 23°C	J/m	> 100	-	ASTM D256
Rockwell Hardness	R-Scale	115	± 15	ASTM D785
Vicat softening point	°C	145	± 10	ASTM D1525
H.D.T. (0.45 MPa)	°C	80	± 8	ASTM D648

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

** All specimens are prepared by injection molding.