

# XZ96513.00

## Natural ABS Resin

The mass (continuous process) ABS technology of Dow ensures an ABS resin that combines excellent processability with a stable light base colour providing an ideal resin for self colouring

ABS XZ96513.00 is a new grade providing a unique property balance of ultra low gloss performance, excellent processing characteristics and high heat resistance.

Properties <sup>(2)</sup>	Test Method	Values
<b>General</b>		
Density (kg/m <sup>3</sup> )	ISO 1183B	1050
Bulk density (kg/m <sup>3</sup> )	ISO 60	650
Melt Flow Rate (220°C/10 kg) g/10'	ISO 1133	11
Carbon emission (µg/g)	VDA 277	6
Fogging (%)	ISO 6452	99
Mold Shrinkage (%)		0.4 -0.7
<b>Mechanical<sup>(3)</sup></b>		
Tensile Strength @ Break (MPa)	ISO 527	38
Tensile Modulus (MPa)	ISO 527	1900
Tensile Elongation @ Break (%)	ISO 527	60
Charpy Notched @ 23°C (kJ/m <sup>2</sup> )	ISO 1791eA	13
<b>Thermal</b>		
Vicat softening point (50°C/ 5kg)	ISO 108	106
HDT, annealed 120°C/hr, 1.82 MPa (°C)	ISO 75/A	108

(1) February 2006

(2) Typical property values are not to be construed as sales specifications

(3) Tests conducted at 23 °C



**Dow Plastics**

*We don't succeed unless you do.*

