



Technical Data

Rescal 90XD

PHYSICAL PROPERTIES (ASTM procedures used where applicable)	<table border="0"> <tr> <td>Bulk Density (lb/ft³):</td> <td>185</td> </tr> <tr> <td>Modulus of Rupture (lb/in²):</td> <td>2,600</td> </tr> <tr> <td>Cold Crushing Strength (lb/in²):</td> <td>15,000</td> </tr> <tr> <td>Apparent Porosity, %:</td> <td>14.4</td> </tr> <tr> <td>Permanent Linear Change, %: 3100°F (1704°C) & 5 Hours</td> <td>+1.4%</td> </tr> <tr> <td>Hot Load Test (ASTM C16) %: 3100°F (1704°C), 25 psi load</td> <td>+0.3%</td> </tr> <tr> <td>Creep Test (DIN 51053/ ISO 3187) %: 2800°F (1538°C) & 50 hour hold</td> <td>+0.019%</td> </tr> <tr> <td>Modulus of Rupture (lb/in²): 2700°F (1482°C)</td> <td>2,485</td> </tr> </table>	Bulk Density (lb/ft ³):	185	Modulus of Rupture (lb/in ²):	2,600	Cold Crushing Strength (lb/in ²):	15,000	Apparent Porosity, %:	14.4	Permanent Linear Change, %: 3100°F (1704°C) & 5 Hours	+1.4%	Hot Load Test (ASTM C16) %: 3100°F (1704°C), 25 psi load	+0.3%	Creep Test (DIN 51053/ ISO 3187) %: 2800°F (1538°C) & 50 hour hold	+0.019%	Modulus of Rupture (lb/in ²): 2700°F (1482°C)	2,485
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<p>The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.</p> <p>RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.</p> <p>02/05/08 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet</p>																	