



ZEON CORPORATION

SPECIALTY PLASTICS DIVISION

1-6-2 Marunouchi, Chiyoda-ku TOKYO, 100-8246 JAPAN

Phone: +81-3-3216-1769

FAX: +81-3-3216-2334

Report No. L1141EV1

ZEONEX 340R Basic Properties

Properties	Measurement method	Conditions	Unit	ZEONEX 340R
Specific gravity	ASTM D792			0.95
Water absorption	ASTM D570	23°C/24h	%	<0.01
Refractive index n_d	ASTM D542			1.509
Light transmittance	ASTM D1003	t=3mm	%	92
Glass transition temperature	JIS K7121		°C	122
Linear expansion coefficient	ASTM E831		cm/cm°C	7×10^{-5}
MFR	ISO 1133	260°C/21.18N	g/10min	30
Flexural modulus	ISO 178		MPa	3000
Flexural strength	ISO 178		MPa	67
Tensile modulus	ISO 527		MPa	3000
Tensile strength	ISO 527		MPa	35
Tensile elongation	ISO 527		%	1
Izod impact strength	ASTM D256	With notch	J/m	10
Rockwell hardness	ASTM D785	M scale		81
Flammability	UL			94HB

The test results herein are believed to be accurate but are laboratory tests based on limited sampling, which do not necessarily simulate actual use conditions. NO REPRESENTATIONS, GUARANTEES OR WARRANTIES OF ANY KIND ARE MADE AND ZEON SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ZEON shall not be liable for and the customer assumes all risk and liability for any use or handling of any material beyond ZEON's direct control.

A corporate brand "ZEON", a logotype "Z", "ZEONEX", and "ZEONOR" are the registered trademarks of ZEON CORPORATION.