



**MEGA RECYCLING**  
AND COMPOUNDING SERVICES LLC.

**Product Data Sheet**

**MegaRe® PC-FR0**

Flame retardant polycarbonate, medium viscosity

TYPICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNITS	VALUES
Specific Gravity	D792	---	1.23	---	1.23
Heat Deflection Temperature 264 psi (1.82 MPa)	D648	°F	270	°C	131
Heat Deflection Temperature 66 psi (0.455 MPa)	D648	°F	282	°C	139
Mold Shrinkage Guideline (Flow Direction)	1/8" Section	%	.4-to-.6	%	.4-to-.6
MFR (3001C/1.2-kg)	ASTM D1238	g/10-min	12	g/10-min	18
Tensile Strength at Yield	D638	psi	9,000	MPa	62
Elongation at Break	D638	%	>130	%	>130
Flexural Strength	D790	psi	13,100	MPa	90
Flexural Modulus	D790	psi	330,000	MPa	2,277
Izod Impact Strength (Notched, 1/8" specimen)	D256	ft-lb/in	14	J/m	648
Flammability, 3.0 mm	UL94	---	V0	---	V0
Flammability, 1.5 mm	UL94	---	V0	---	V0
RTI, Electrical	UL746	°F	221	°C	105
RTI, Impact	UL746	°F	221	°C	105
RTI, Mechanical	UL746	°F	221	°C	105

Mechanical Properties measured at 23° C  
Contact Mega for MSDS, general processing guidelines and/or additional information about verification of information.

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