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EP-RIM+

CODE: EP-RIM+

PRODUCT DESCRIPTION:

EP-RIM+ is a hybrid polyurea rim molding resin. *EP-RIM+* can be run with different % NCO special prepolymer isocyanates, allowing the molded material to vary in properties. Fillers such as milled glass can be used. *EP-RIM+* can be formulated with IMR (internal mold release). Foaming can be accomplished by nucleating the resin with air or nitrogen, or by adding H₂O.

PHYSICAL PROPERTIES without milled glass at different %NCO isocyanates:

	14	17	19	21.5	24	25
Tensile PSI						
No Glass	3500	4500	5500	6500	7200	7500
15 % Glass	4000	5000	5800	6800	7500	8000
Flex Mod						
No Glass	50	80	130	150	225	310
15 % Glass	100	145	210	250	380	550
Garner Impact (in-lbs)						
No Glass	320	320	320	300	300	275
15 % Glass	260	220	175	130	75	60
% Elongation						
No Glass	210	150	120	105	85	85
15 % Glass	125	75	40	35	25	22
Heat Sag(in @ 250°F, 6" overhang)						
No Glass	0.17	0.13	0.10	0.07	0.04	0.02
15 % Glass	0.10	0.075	0.06	0.05	0.04	0.03
Hardness Shore D	55	60	65	70	75	80

Notice:

The information describing the physical properties made from these chemicals is offered in good faith and should be used only as a guide for design requirements. Results may vary due to different equipment and conditions. EPI makes no warranty expressed or implied of its products and shall not be liable for direct, indirect or consequential damages in any event.