

NYLENE® 474

Nylene 474, for rotational molding, is offered in small pellet form which helps overcome the moisture problems associated with powdered nylons. All Custom Resins nylons are dried to less than 0.1% moisture eliminating the need for predrying of virgin material. Nylene 474 is molded with wall thicknesses ranging from 1/16" to greater than 1". Rotational molding of Nylene 474 is processed in ovens heated to 575 - 700°F. Temperatures below 700°F are preferred. We strongly recommend the use of inert gases such as nitrogen in the mold to prevent thermal degradation of the nylon.

PROPERTY	ASTM	UNITS	DAM	50% RH
Specific Gravity	D792		1.13	
Water Absorption	D570	%	1.8	
Tensile Strength	D638	psi		
Elongation	D638	%	100	
Notched Izod	D256	ft. Lb./ in.	0.8	
Flexural Strength	D790	psi		
Flexural Modulus	D790	psi		
HDT @ 66 psi	D648	° F	350	
@ 264 psi		° F	165	
Flame Classification				

All values are for dry as molded specimens. The data set forth herein has been carefully compiled by Custom Resins. Values shown are typical properties and are not for specification. Since processing variables will effect properties, the reproducibility of our data in a customer's facility is not guaranteed. There is no warranty of any kind either express or implied, applicable to the use of this information, and the user assumes all risk and liability in connection therewith.