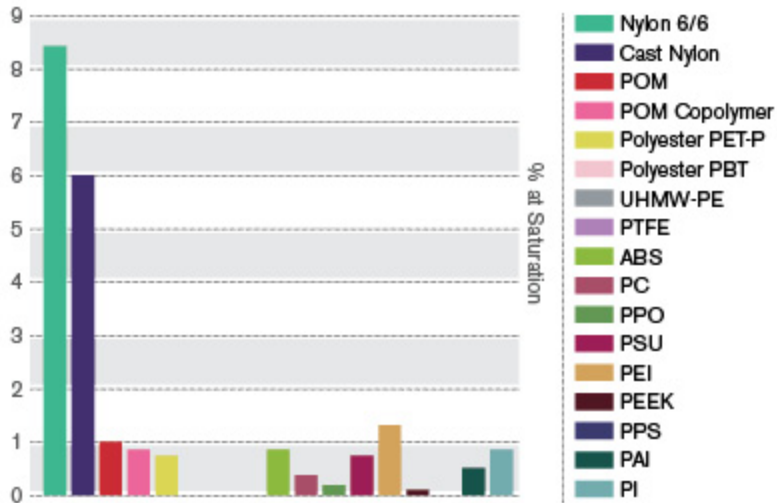


WATER ABSORPTION

Water absorption is the degree of penetration of water into the inner structure of another material, such as plastic. A common measure for the degree of water absorption is the “percent swell”, which measures the change in surface area of a material. Plastics such as polyethylenes have extremely low water absorption whereas nylons have a relatively high rate.

The higher the percentage, the more water is absorbed and this can be detrimental. For instance, in a bearing application, the swelling can cause loss of internal clearance, excessive heat build-up, and pre-mature wear or failure.



OTHER PRODUCTS BY TECHNICOR

