

XT-475 Silicone Rubber

Description

XT-475 is a medium durometer, two-component, tin-catalyzed silicone rubber. *XT-475* is a very dry silicone rubber. It is useful in molding applications where the ability to paint/finish parts without a washing step is critical. The addition of *XT-475* softener will lower the hardness of the cured rubber without imparting any oiliness.

Important Note: *XT-475* is so dry that other RTV silicones will not stick to it; *XT-475* will not even stick to itself. *XT-475* should not be used to build a mold where multiple layers are required.

Typical Properties

<u>Uncatalyzed</u>	<u>Base</u>	<u>Activator</u>
Color	Translucent	Translucent
Viscosity (cps)	30,000-40,000	1,000

Cured Rubber (7 Days @ 72°F & 50% R.H.)

XT-475 B	100	100	100	100	100	100
XT475 A	10	10	10	10	10	10
XT-475 Softener	0	20	40	60	80	100
Working Time	1:00	1:15	1:30	1:45	2:00	2:15
"00" Hardness (± 4)	70	65	55	50	45	40
Tear Resistance (± 20)	115	100	80	60	50	40
Tensile Strength (± 50)	480	400	350	325	300	275
%Elongation (± 50)	500	525	550	600	650	700

The information contained in this preliminary data sheet is believed to be accurate. It is offered in good faith, but without guarantee since the conditions of use are beyond our control. The user assumes all risks of use.