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Shore A V.S. Shore 00 V.S Asker C

Shore Hardness Scales provide us with a common reference point when discussing raw materials. The hardness of a foam can be critical for specific applications. The most common testing standard is ASTM D2240, which uses a variety of scales, depending on the intended use. Each scale results in a value between 0 and 100, with the higher values indicating a harder material. The most common scales referenced when measuring foams, include:

Shore 00:

- Measures soft closed cell elastomeric foam, sponge rubbers

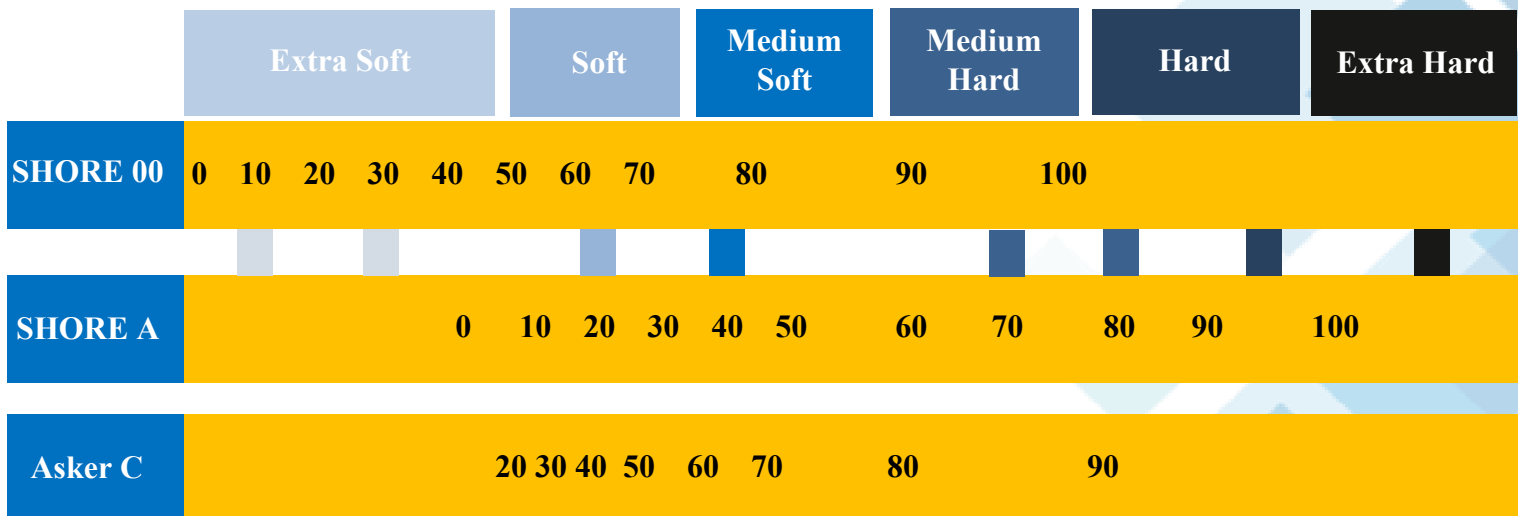
Shore A:

- Measures solid rubber sheets, rolls, molded parts, and rigid elastomeric foams.

Asker C:

- Measures closed cell XLPE foams, rubbers, and sponges.

Hardness Rating Chart



Type 00 - Sponge Rubber, Very Soft Rubber

Type A - Soft Rubber, Elastomers, Waxes, Printing Rollers

Shore 00					98	97	95	94	94	91	90	88	86	83	80	76	70	62	55	45
Shore A	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5