

Product Specification Sheet

KO-22

Orange Polyurethane Sheets

Physical Properties	Test Method	Typical Results
Shore Durometer	ASTM D2240-64T	93 A - Scale
Compression Set	ASTM D395-61, Method B 22 hrs. @ 158 F	25% Max
Ultimate Tensile Strength	ASTM D412-61T	5000 psi
Tensile Modulus:	ASTM D412-61T	
@ 50% Elongation		1100psi
@ 100% Elongation		1600psi
@ 200% Elongation		1900psi
@ 300% Elongation		2300psi
Elongation at Break	ASTM D-412-61T	550%
Tension Set at Break	ASTM D-412-61T	35%
Tear Strength (lbs. / in.)		
Trousers Die	ASTM D1938	400
Die C	ASTM D624	630
Split Tear	ASTM D470	200
Compression-Deflection Load Carrying Ability	ASTM D575-46, Method A	
5%		450psi
10%		750psi
25%		1900psi
Abrasion: (Tabor Test: H18 wheel, mg/1000 cycles)	NBS Test: % Rubber Standard)	
Tabor	ASTM D3489-85(90)	44
Tarbor	ASTM D1630-83	385
NBS	ASTM D1630-83	385

Note: Information herein is based on laboratory test data, which is believed to be reliable. However Kodiak Corporation has no control over the end application of these materials. Therefore, we cannot guarantee that the same results as described herein will be obtained

Note: It is recommended that each user conduct his / her own tests to determine adaptability of these materials to his / her particular application.