

GRIFFITH - "Double-Bond" Polyurethane



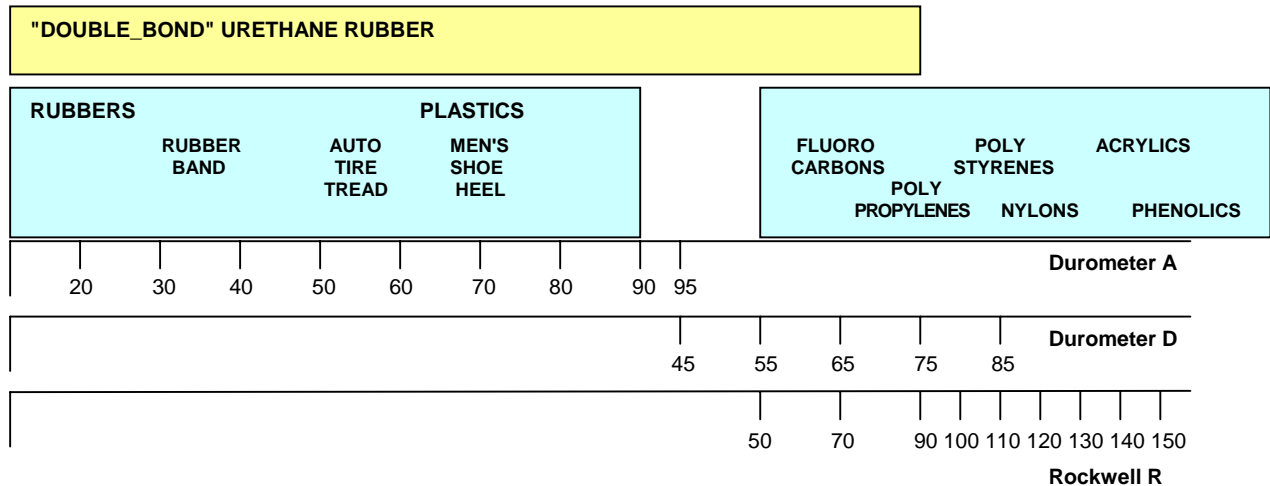
"Double-Bond" Polyurethane is a unique material that offers the elasticity of rubber combined with the toughness and durability of metal. Because "Double-Bond" Polyurethane is available in a very broad hardness range (from eraser soft to bowling ball hard), it allows an engineer to replace rubber, plastic and metal with the ultimate in abrasion-resistance and physical properties.

"Double-Bond" Polyurethane can reduce plant maintenance and OEM (original equipment manufactures) product cost. Many applications using this ultra-tough material have cut down-time, maintenance time, and cost of parts to a fraction of the previous figures. Examples of parts in this category include processing rolls of all types, belts, wear straps, bumpers, wiper blades, wheels, an endless range of custom parts.

Hardness and Resilience

The hardness of most practical products of "Double-Bond" ranges between 15 durometer A and 75 durometer D. The D scale is used to measure hardness greater than 95A. Most rubbers fall between 15 and 80 on the A scale and structural plastic begin at 55 on the D scale. "Double-Bond" bridges the gap between rubber and plastic materials with respect to hardness

Hardness Scales



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