



NETWORK POLYMERS, INC.

SOFTFLEX® 0450

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
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PHYSICAL

Melt Flow Rate - Procedure A Condition G (200°C/5 kg) Condition Q (235°C/1.0 kg)	D-1238	g/10 min	-- 42.0
Shore Hardness	D-792	Shore A	45 + 5
Density	D-792	g/cm ³	0.93
Mold Shrinkage (specimen thickness 0.125") Direction of flow Transverse to flow	D-955	in/in, mm/mm	-- --

TENSILE

Tensile Strength @ Yield (chs 2.0 in/min)	D-638	psi MPa	630 4.3
Elongation @ break (chs 2.0 in/min)	D-638	%	600
Tear Strength	D-624	pli	150

FLEXURAL

Flexural Modulus Test Method I, Procedure B (chs 0.05 in/min)	D-790	psi MPa	-- --
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OVERMOLD CAPABILITY

Overmold Bonding to:			PP, PE
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