

PLASTICIZED ESTER SERIES 15 & 18



Click on the Product Number in the top row for the Product Data Sheet.

CHARACTERISTIC	UNIT	LPR 6515	LPR 7015	LPR 6518	LPR 7018
Specific gravity ASTM D 792	gr/cm ³	1.18	1.19	1.19	1.20
Shore Hardness ASTM D 2240	A D	65	70	66	70
Abrasion loss DIN 53516	mm ³	25	25	35	40
Tensile Modulus ASTM D 412	50% MPa				
	psi	1.8	2.4	1.9	2.2
	100%	260	340	270	310
	Mpa	2.6	3.5	2.6	3.2
	psi	370	500	370	460
	300%	8.5	14.0	5.2	5.8
Tensile Strength ASTM D 412	MPa	45.3	59.2	31.5	36.0
	psi	6500	8600	4500	5100
Elongation at break ASTM D 412	%	680	530	870	830
Tear Strength ASTM D 624	N/mm	65	70	52	60
Flexural Modulus ASTM D 790	MPa psi				
Torsion Test ASTM D 1043	+20°C				
	MPa				
	psi				
	-20°C				
Vicat Soft. point ASTM D 1525	MPa				
	psi				
Comp. Set ASTM D 395	°C	67	80		
	°F	153	176		
	70h/23°				
	C %				
	22h/70°				
	C %				
	70h/100°				

	C %				
Impact Test ASTM D 256 -20°C	S/m^2				
Flammability Test UL 94 (vertical burning)					
Processing	injection extrusion	0	0	0	0
Features				transparent	transparent