

DCT-30P-01 / DST-30R-01**Styrene-Butadiene Thermoplastic Elastomer (TPE-s)**

► Branched styrene-butadiene thermoplastic elastomer DST-30R-01 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyl lithium catalyst. .

► Product characteristics: Appearance – bale of white to light-beige color; weight - 12kg or 750-800 kg; packing –cardboard box and soft bag-container (big bag); shelf life – one (1) year since the date of manufacture.

<i>Parameter</i>	<i>DCT-30P-01 / DST-30R-01</i>		<i>Test method</i>
	<i>Group1</i>	<i>Group3</i>	
Content of bound styrene, % / Содержание связанного стирола, %	27-31	27-31	method of supplier
Melt flow index (t=190 °C, P=5 kgs), g/10 min / Показатель текучести расплава (t=190°C, P=5 кгс), г/10 мин	less than 1 / менее 1	less than 1 / менее 1	method of supplier
Volatile matter content, %, max / Массовая доля летучих веществ, %, н/б	0,5	0,5	method of supplier
Ash content, %, max / Массовая доля золы, %,н/б	5,0	2,5	method of supplier
Standing Antioxidant content, % (CAS №128-37-0) / Массовая доля антиоксиданта, %	0,2-0,5	0,2-0,5	method of supplier
Shore hardness, units / Твердость по Шору А, усл.ед.	max 85	min 72	method of supplier
Tensile strength at stretching, МПа, min / Условная прочность при растяжении, МПа, н/м	17,6	-	method of supplier
Relative elongation at break, %, min / Относительное удлинение при разрыве, %, н/м	650	-	method of supplier

► **Application**

In industries dealing with production of general mechanical rubber goods, ribbon sealants; modification of bituminous roofing materials and plastics; in mastics, protective coatings, shoe compounds.

