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KEY WORDS: *Suspension polymerization, Suspending agent, Expandable polystyrene. Linear and non-linear sodium dodecylbenzenesulfonate*

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((LABS) []

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(CH₂=CH₂) (CH₃CH:CH₂) (NLABS)

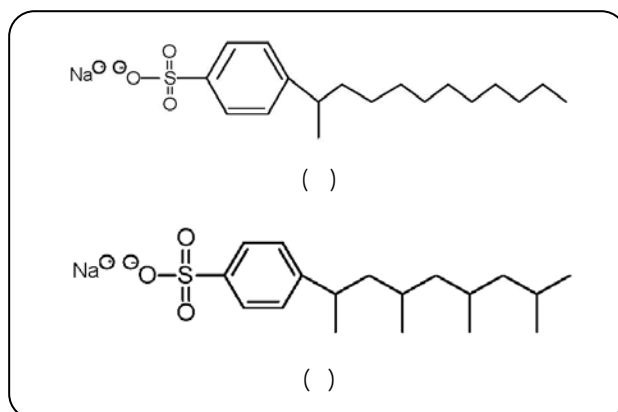
[] C C) Stepan Nacconol 90G

() Dispersed () Viscosifier

() Dispersant

NLABS	LABS	

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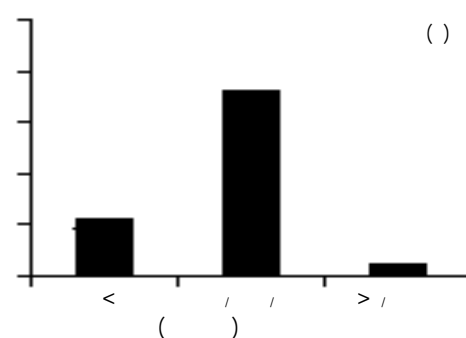
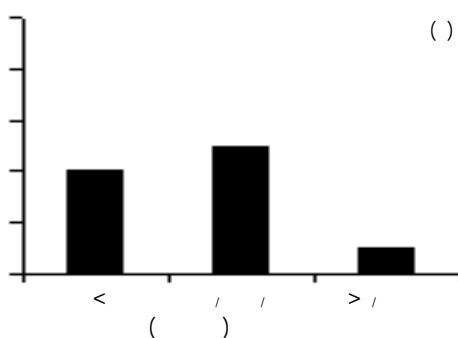
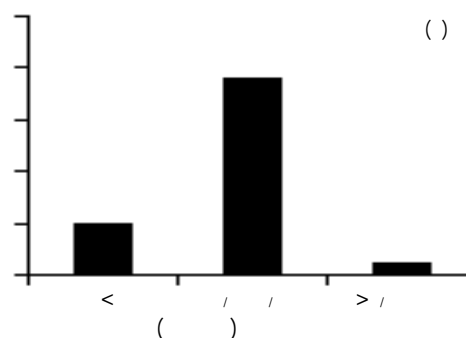
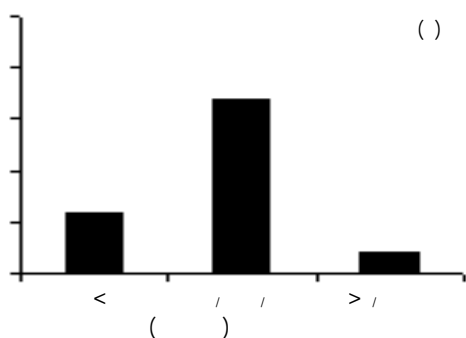
ppm

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TCP* اضافى (kg)	<0.3 (مىلى متر)	0.3-0.5 (مىلى متر)	0.5-0.7 (مىلى متر)	0.7-1 (مىلى متر)	1-1.8 (مىلى متر)	1.8-2.5 (مىلى متر)	>2.5 (مىلى متر)	شماره آزمایش
0	0.5	1.9	4.2	13.1	76.1	4.1	0.1	1
4	0.9	2.4	4.6	14.9	72.5	4.5	0.2	2
8	1.2	2.8	5.1	14.4	68.2	8.2	0.1	3
43	4.8	8.5	10.2	16.9	49.7	9.6	0.3	4

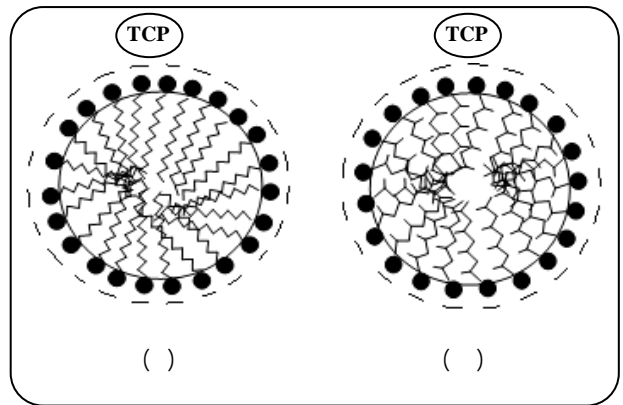


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$$\begin{aligned}
 & (-\Delta G_{\text{abs}}) \\
 & \cdot [] \\
 & \text{NLABS LABS} \quad [] \\
 & / \times \quad \text{°C} \quad () \\
 & \text{NLABS} \cdot [] \quad / \times \quad [\text{mol/cm}^2]
 \end{aligned}$$

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 $P = a_c / a_h$
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 NLABS



P

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 ()

LABS

TCP
 (/)
 TCP

LABS

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(a_c)

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