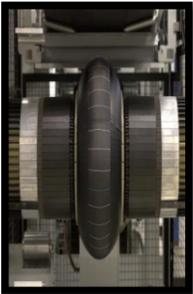


Junior Rubber Technician - Theory

NOS	PC	Difficulty Level	Question Text	Answer Choice 1	Answer Choice 2	Answer Choice 3	Answer Choice 4
RSC / N 3101	PC1, PC2	Easy	In case of open mill mixing in a two roll mill, after the mastication operation, activators and ____ are added to the rolling bank if it is synthetic rubber.	polymer	filler	curatives	antidegradants
RSC / N 3101	PC5	Medium	As curatives, which of the following can be added towards the end of the mixing process to avoid premature cross-linking reaction?	sulfur and accelerator	antidegradants	sulphide	water
RSC / N 3101	PC7, PC8	Medium	During the mixing operation on two-roll mill, which of the following is considered as a common friction ratio?	1.25:4	1.25:1	1.25:2	1.25:3
RSC / N 3102	PC 1- 4	Easy	Which of the following defects does not occur in calendaring process?	Gauge variation	Formatting error	Stock blisters	Loose coating
RSC / N 3102	PC7-9	Difficulty	Which of the following departments is responsible for the procurement of mixed and extruded rubber for assembly?	Production	Quality Control	Finishing	Research and Development
RSC / N 3102	PC6. Assist extrusion operator for extrusion process (pre, during and post)	Difficulty	Which of the following is not an appropriate action to be taken during calendaring operation?	Keep minimum compound in calendar nips and mills	Put identification tags before storing the calendared rubber	Run mills with closed cool water lines	Before starting next unit, clean the calendar guides
RSDC / N 3103	PC7	Medium	Which defect occurs when a moulded product is incomplete because the meld cavity was not filled completely?	Short melded	Long melded	High moulded	Low moulded

NOS	PC	Difficulty Level	Question Text	Answer Choice 1	Answer Choice 2	Answer Choice 3	Answer Choice 4
RSDC /N 3103	PC6-8	Easy	During cure testing of the rubber, the measured cure time is a time required by the sample for reaching a desired state of cure, usually for reaching ___% of the maximum cure.	90	50	60	70
RSDC /N 3103	PC3-4	Easy	Which of the following equipments is used for checking hardness of materials?				

Practical cum Viva				
Q.No.	NOS	Performance Criteria	Question	Rubrics
	1 RSC / N 3101	PC 3	What are the precautions you should take while following the procedure applicable for sampling of raw material received?	<ol style="list-style-type: none"> 1. Use clean and dry sampling device for sampling. 2. Material of only one consignment should be sampled at a time. 3. Use different sampling devices for sampling of different materials. 4. During sampling wear appropriate PPE. 5. Make sure that the cleaning status on room label is available on the sampling booth.