



# PARTS TECHNICAL EVALUATION FORM

PTE Number: 0047-2

Revision: 0

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Part Name or Description: Radial Neutron Shield Component, - Styrene Monomer

TN Drawing No.: 1049-30-3, 1042-30-3, 1084-30-3, 1087-30-3, 972-30-3

TN Item No: 7 on all listed drawings

Other Reference Documents:

File No # 4.1

Record No #

Intended Application: TN-32, TN-40, TN-68 Dry Storage Casks

Safety Classification: Safety-Related  Non Safety-Related   
If Non Safety Related, provide functional basis including failure modes and effects analysis, if appropriate.

If Safety Related, Method of Procurement: Nuclear QA Program:   
CG Dedication:

Supplier: Ashland Chemical, FRP Supply, PO Box 2219, Columbus, OH 43216  
(5200 Blazer Pkwy, Dublin, OH 43017)

Procurement Requirements:  
Part Description: Styrene monomer, 50 ppm  
Part or Identifying No.: Styrene monomer, 50 ppm

Technical/Quality Procurement  
Requirements: Color = APHA or pt-co  $\leq 10$ ;  
Inhibitor Content 10-15 ppm;  
Polymer Content  $\leq 10$  ppm;  
Purity  $\geq 99.60$  %;

Documentation Requirements: Certificate of Analysis

Receipt Inspection Requirements:  
Package condition and marking: all packaging to be clearly marked with supplier's description and lot number; Certificates should be legible and in English and shall include material description and lot number. Verify documentation includes certification to technical / quality requirements.

Prepared By: [Signature]  
Project Engineer

Date: 1-26-00

Reviewed: M - 1/27/00

[Signature] 1/27/00

Chief Engineer - Date

Project QA Eng./Spec. - Date