


MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION		
132009	INSULATOR, 22KV, POLYETHYLENE, PIN TYPE		
SPECIFICATION DETAILS			
<ul style="list-style-type: none">General Requirements: High density polyethylene manufactured to Hendrix pin insulator or similar.Scope: Constructed to suit mounting on standard "C" type pin with impact damage resistant and shall meet all requirements specified on the Characteristics table on page 2 of this specification. Similar to Hendrix polyethylene pin type HPI – 35 see Drawing attached. NB. If other than Hendrix – 35 offered, full details of product and tests are required with offer.			
<ul style="list-style-type: none">Unit of Measure: EachRejection: PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.			
Drawing References: HPI – 35. (rev.5/79)		Manufacturer's Product Code:	
ENGINEERING STANDARDS APPROVAL			
Approval by: Grevasius Peni T/L Standards & Materials		Signature: 	Date: 9/7/20
DATA REVIEW ENDORSEMENT			
NAME	TITLE	SIGNATURE	DATE
Rawali Rawali	Engineer - Standards and Materials		

SPECIFICATION FOR VOCAB: 132009

CHARACTERISTICS	HPI.35	RIV.@ 1mHz mm		HPI.35L
Normal Voltage kV	35	Test 10 kV to Grd	0	35
Leakage Distance inches	21	Test 15kV to Grd	0	21
Dry Arcing Distance inches	9½	Test 22kV to Grd	<850	9½
Pin Hole Diameter. Inches	1	Cantilever. pounds	3000	1½
60Hz Dry Flashover. kV	110	Height inches	7½	7
60Hz Wet Flashover. kV	63	Weight pounds	2.6	63
Positive Impulse Flashover. kV	184	Neck Diameter & Style	2⅝	184
Negative Impulse Flashover. kV	250	Colour	Sky Grey	250
Puncher. kV	220	Max. continuous Conductor operating temp. °C	120°	190