

# Orano USA Packages and Overpacks



		IP-35 USA-9303JAF-96	30B-20 cylinder	DN-90Y PFP USA-9309JAF-96	30B-10 cylinder USA-9308JAF-96	US-30 PFP USA-9108JAF-96	DN-90 PFP USA-9302JAF-96	20B-10 USA-9307JAF-96	KRM Co-60 USA-9305JAF-96	TN-60CT USA-9304JAF-96	BLD USA-9301JAF-96	TN-X1 USA-9303JAF-96	OR-TU USA-9228JAF-96	LR-20 USA-9219JAF-96	MFP USA-9209JAF-96	MFP	BRC USA-9341JAF-96	TN-LC USA-9309JAF-96	TN-EG USA-9302JAF-96	MP-197HB USA-9302JAF-96	TN-9D USA-9319JAF-96	TN-RM USA-9233JAF-96	TP-11 USA-9305JAF-96	PAS-1 USA-9104JAF-96	CRMP USA-9303JAF-96		
		Maximum Payload	360 lbs 163.3 kg		3,620 lbs 1,642 kg			32,760 lbs 14,860 kg	255.7 lbs 116 kg	220.5 lbs 100 kg		1,181 lbs 535.7 kg						7,099 lbs 3,220 kg		56 ton 50,162 kg		9,500 lbs 4,309 kg					
Uranium Hexafluoride (UF6)	Enrichments	Depleted	1,2	•	•	•	•	2	5																		
		Natural	1,2	•	•	•	•	2	5																		
		LEU: <5%	1,2	•	•	•	•	2																			
		LEU: 5% ≤ x <10%	1,2	•	3,4	•																					
		HALEU: 10% ≤ x <20%	1,2	•	4																						
		HEU: x ≥20%	1,2	•																							
Solid Unirradiated Uranium-Bearing Materials	Forms	Powder	•						•	•	•	•															
		Pellets	•						•	•	•	•															
		TRISO	•																								
		Metal	•							•																	
		Assemblies (MTR/TRIGA)	•							•																	
	Enrichments	LEU: <5%	•						•	•	•	•	7														
		LEU: 5% ≤ x <10%	•						•	6			7														
		HALEU: 10% ≤ x <20%	•						•				7														
HEU: x ≥20%	•						•																				
Unirradiated	Fuel	MOX													•												
		HALEU: 10% ≤ x <20%														•											
Used Nuclear Fuel	Reactor Type	Commercial															8	•	•	•							
		Research Reactor															•	•									
Sealed Sources, Devices and Targets	Irradiators	Category I-V Sources															9				10						
Irradiated Components	Waste Form	Solid: Metals (Non-fuel)															•			•		•					
		TRU Waste																			•		•				
		Liquid/Gas Samples or Activation Solids/Resins																					•				
		Grouted Reactor Components																						•			

**Notes:**  
 1 - in 1S cylinders  
 2 - in 2S cylinders  
 3 - in 30B-10 cylinder  
 4 - in 30B-20 cylinder  
 5 - in 48G cylinder  
 6 - Powder only  
 7 - as Liquid Uranyl Nitrate  
 8 - Segmented Fuel Pins  
 9 - Co-60 and Pu-238 Sealed Targets  
 10 - Shielded Devices (Irradiators) or Sealed Sources



Check out Orano's family of packages